TFW 3623

Office Action Summary	Application No.	Applicant(s)	
	09/705,486	GENDLER, JOSEPH	
	Examiner	Art Unit	
	Scott L. Jarrett	3623	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *06 March 2006*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *68-104* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *68-104* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *30 November 2000* is/are: a)☐ accepted or b)☒ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date *11/16/2005*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1. This non-final office action is in response to Applicant amendment filed March 6, 2006. Applicant's amendment amended claim 101. Currently claims 68-104 are pending.

Response to Amendment

2. The Objection to the Title is withdrawn in response to Applicant's amendment to the Title.

The Objection to Claim 101 is withdrawn in response to Applicant's amendment to Claim 101.

The 35 USC 112(2) rejection of Claim 85 is withdrawn.

Applicant's attempt at traversing the Official Noticed facts is inadequate, see Applicant's remarks filed March 6, 2006 (Paragraph 2, Page 15).

Adequate traversal is a two-step process. First, Applicant's must state their traversal on the record. Second and in accordance with 37 C.F.R. 1.111(b) which requires Applicant's to specifically point out the supposed errors in the Office Action, Applicant's must state why the Official Notice statement(s) are not to be considered common knowledge or well known in the art.

In this application, the Applicant's have failed both steps (1) and (2) since Applicant's failed to state their traversal on the record and failed to argue why the Official Notice statement(s) are not to be considered common knowledge or well known

in the art. Because Applicant's' traversal is inadequate, the Official Notice statement(s) are taken to be admitted as prior art. See MPEP 2144.03.

Specifically it has been established that it was old and well known in the art at the time of the invention:

- to review/confirm electronic funds transfers wherein the confirmation of payment (disbursement, transfer) is an essential component of electronic funds transfers for without such confirmations the paid party would not be able to confirm receipt of the payment prior to resuming work, providing a product/service or the like;

- to assign project numbers to projects for the purpose of uniquely identifying a project and its related information/documents thereby providing the ability for individuals and systems to differentiate/uniquely identify individual projects for the purposes of reporting, accounting, project management or the like;

- to evaluate bids/extended offers by a vendor (contractor, supplier, etc.) as one step in the bidding process that ultimately leads to the selection/approval/acceptance of a bid/vendor; and

- to enable users to access all project information/documents related to the projects they are assigned to/working on as well as to list projects (deliverables, tasks, etc.) associated with a particular user thereby providing users with a list of projects (activities, processes, etc.) they are associated with and/or responsible for as part of a workflow system/method.

Response to Arguments

3. Applicant's arguments, see Paragraph 2, Page 16, filed March 6, 2006, with respect to the rejection(s) of claim(s) 68-104 under USC 102(e) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made below.

Information Disclosure Statement

4. The information disclosure statement filed November 16, 2005 fails to comply with 37 CFR 1.98(a)(2), which requires a legible copy of each cited foreign patent document; *each non-patent literature publication* or that portion which caused it to be listed; and all other information or that portion which caused it to be listed. It has been placed in the application file, but the information referred to therein has not been fully considered.

Specifically the following references were not considered for the following reasons: (1) Illegible - reference nos.: 474-476, 493 and 503; (2) Incomplete reference - reference nos.: 487, 498, 502, 503, 514, 517 and 524 and (3) No translation provided - reference no.: 455.

Further the information disclosure statement filed November 16, 2005 is replete with grammatical and/or typographical errors for example the following reference lines contain multiple references on the same reference line many of which are repeats of earlier listed references: 466-469, 471-472,476-477, 486-487, 489-490, 497-498, 506-514, 516-517, 519-520, 522-526, 529-530.

Appropriate correction is required.

The information disclosure statement filed November 16, 2005 has been made part of the record in the application; however it is noted that the statement comprises 27 pages and over 500 references, 454 of which are U.S. Patents, wherein a vast majority of the references cited are not relevant to the claimed invention. The applicant is invited to specifically point-out those references that may be pertinent to the claimed invention.

Drawings

5. New corrected drawings in compliance with 37 CFR 1.121(d) are required in this application because Figures 1-16 are illegible and/or informal. Applicant is advised to employ the services of a competent patent draftsperson outside the Office, as the U.S. Patent and Trademark Office no longer prepares new drawings. The corrected drawings are required in reply to the Office action to avoid abandonment of the application. The requirement for corrected drawings will not be held in abeyance.

Claim Objections

6. Claims 99 and 100 are objected to as being identical independent claims. Applicant's should rewrite or cancel one or both of the claims to overcome this objection.

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

8. Claims 68-87, 90-91, 93-95 and 97 are rejected under 35 U.S.C. 102(e) as being anticipated by Primavera System, Inc.'s Primavera Expedition system/product as disclosed in at least the following Primavera Expedition Version 6.0 User's Guide (1998), herein after reference A.

Regarding Claim 68 Primavera Expedition teaches a system and method for managing construction projects that provides document repository and workflow subsystems for creating and managing projects and associated project document collections/data sets wherein the project documents (e.g. contracts, purchase orders, change orders, proposals, invoices, bids, requests for proposals, requests for payment, requisitions, submittals, etc.; reference A: Pages ix, 3, 6-8, 10-11, 16, 165, 177-179, 198, 229).

More specifically Primavera Expedition teaches a system and method for managing a project comprising:

- establishing a database maintained by a project management entity (construction manager, general contract, owner, etc.; reference A: Paragraph 1, Page 6; Paragraph 1, Page 18; Pages 16-18; e.g. Sybase; Bullet 10, Page 10; Pages 93-97);

- providing funding approval associated with the project, the funding approval being effected in association with project documentation contained in the database (e.g. approved revisions/change orders, initial/committed budget, invoice/requisition approval, negotiated, etc.; reference A: "Invoices/Requisitions are generated from contracts/POs, then sent for payment approval. The amounts are posted on the Cost Worksheet to track actual costs", Paragraph 4, Page 6; Paragraph 3, Page 16; "Approving Requisitions: Preparing Requisitions for Payment chapter.", Bullet 6; Page 18; "You can easily track submittal review cycles.... which submittals where approved and which are pending", Paragraph 1, Page 39; Bullets 1-2 and 5, Page 165; "Change management is a workflow process that automatically creates the documents necessary to track a change from the initial request through approval.", Paragraph 1, Page 173; Step 5, Page 199; Paragraph 2, Page 204; Pages 212-213; "Type the date the contract was signed"; figure caption, Page 21; contract acceptance field, figure on Page 37; document status – approved as noted, approved, disapproved, etc., first figure on Page 78; action taken section on transmittal form – approved as submitted, approved as noted, etc.; Page 133);

- accessing the document collection by a vendor (supplier, contractor, partner, general contractors, construction managers, etc.; reference A: "As the general contractor you'll use Expedition to manage shop drawings and submittal items, track

project issues, document the change process and record daily progress.", Paragraph 3, Page 16; Pages 16-18; group roles – construction manager, architect, engineer, contractor, subcontractor, supplier, etc.; Paragraph 1, Page 77);

- vendor (contractor, subcontractor, supplier, manufacturer, etc.) entering/submitting information related to the project electronically (invoices, requisitions, purchase orders, change orders, submittals, etc.; reference A: Pages 177-179, 198; "Requisitions, or formal requests for payment, are usually issued by general contractors to the owner on a monthly basis as portions of the work on a project are completed....an application for payment based on the original requisition is updated, certified and sent.", Paragraph 1, Page 198; application for payment, second figure on Page 201; "After an application for payment is submitted, the contracting parties negotiate and eventually agree on an amount. The requisition is then certified, and you the contractor can submit it to the owner for payment.", Paragraph 1, Page 217); and

- vendor determining that funding approval for the project has been secured through access to the document collection (e.g. submit/track submittals, proceed orders, committed, actuals, pending, changes, etc.; reference A: "After participants accept a contract or purchase order and work begins, any changes resulting from changed specifications or changed conditions affect the initial contract.", Last Paragraph, Page 6; Page 6-8, 163-166, 181; "Funding", Bullet 5, Page 165; "reviewing contract status", Page 188; "Requisitions are based on contract or purchase order...parallel industry standard AIA G702/703 certification payment forms....You negotiate the line item or lump sum costs until a payment agreement is reached and the requisition is approved

and certified.", Last Paragraph, Page 198; "Depending on your role, you may issue payment requests or receive payment requests. For example, if you are a general contractor you receive payment requisitions from subcontractors and you issue requisitions to owners.", Paragraph 1, Page 199; Figure, Page 200; "All applicable parties approve the requisition.", Paragraph 2, Page 204; "Certifying a Requisition", Page 212).

Regarding Claims 69-70 Primavera Expedition teaches a project management system and method further comprising transferring monetary funds (distributing funds, making payments, paying invoices/requisitions/purchase orders, etc.) to the vendor after a predetermined event has occurred such as the completion of a portion of a project ("schedule of values", unit prices, lump sum, periodic project payment, etc.; reference A: Pages 178-179, 181, 184-185, 198, 201; "Requisitions, or formal requests for payment, are usually issued by general contractors to the owner on a monthly basis as portions of the work on a project are completed....an application for payment based on the original requisition is updated, certified and sent.", Paragraph 1, Page 198; second Figure, application for payment, Page 201; Paragraph 1, Page 342).

Regarding Claims 71-72 and 83 Primavera Expedition teaches a project management system and method wherein the vendor submits, electronically, an invoice upon the completion of a portion of the project (reference A: Page 198; Step 5, Pages 199-201, 217, 219-221, 227) as well as obtaining an invoice from each vendor

(submittals, requisitions, purchase orders, etc.; reference A: Pages 198, 219-225; "Requisitions, or formal requests for payment, are usually issued by general contractors to the owner on a monthly basis as portions of the work on a project are completed....an application for payment based on the original requisition is updated, certified and sent.", Paragraph 1, Page 198; second Figure, application for payment, Page 201; "Depending on your role, you may issue payment requests or receive payment requests. For example, if you are a general contractor you receive payment requisitions from subcontractors and you issue requisitions to owners.", Paragraph 1, Page 199; "Adding Invoices to a Purchase Order", Paragraphs 1,3, Page 220; "Invoice Reports and Forms", Page 226).

Regarding Claim 73 Primavera Expedition teaches a project management system and method wherein subsequent to the submission of the vendor invoice a payment goes through a validation ("certification", verification, etc.) process and is charged against portions of a project contract (e.g. cost distribution; reference A: Pages 37, 198-201, 204, 206, 212-213; "Requisitions, or formal requests for payment, are usually issued by general contractors to the owner on a monthly basis as portions of the work on a project are completed....an application for payment based on the original requisition is updated, certified and sent.", Paragraph 1, Page 198; second Figure, application for payment, Page 201; "After an application for payment is submitted, the contracting parties negotiate and eventually agree on an amount. The requisition is

then certified, and you the contractor can submit it to the owner for payment.", Paragraph 1, Page 217).

Regarding Claim 74 Primavera Expedition teaches a project management system and method further comprising securing the document collection via access rights (user security, login/password, etc.; reference A: Page 4; Bullet 9, Page 10; Page 23).

Regarding Claim 75 Primavera Expedition teaches a project management system and method wherein the project is a construction project (reference A: construction manager, general contractor; Pages 16-18).

Regarding Claims 76 and 78 Primavera Expedition teaches a project management system and method wherein the vendor's determination that approval for the project has been secured is effected by the vendor's review, electronically, of a purchase order (reference A: requisition/invoice/purchase order workflow/process, application and certification of payment, proceed orders; Pages 198-200, 212-213, 219-220; "Requisitions, or formal requests for payment, are usually issued by general contractors to the owner on a monthly basis as portions of the work on a project are completed....an application for payment based on the original requisition is updated, certified and sent.", Paragraph 1, Page 198; application for payment, second figure on Page 201; "After an application for payment is submitted, the contracting parties

negotiate and eventually agree on an amount. The requisition is then certified, and you the contractor can submit it to the owner for payment.", Paragraph 1, Page 217; "Requisition Reports and Forms", Total Stored to Date, Retainage, etc.; Page 218; "Recording Invoices", Paragraph 1, Page 219; "Adding Invoices to a Purchase Order", Paragraph 1, Page 220; "Viewing the Status of a Submittal", Page 329;).

Regarding Claim 77 Primavera Expedition teaches a project management system and method wherein the vendor (general contractor, construction manager, etc.) accesses payment confirmation via the system/method (reference A: closing out purchase order using invoices, invoice report, submittal report, contract status; Pages 198, 212-213, 219-220, 418).

Regarding Claim 79 Primavera Expedition teaches a project management system and method wherein the purchase order is electronically issued to the vendor and a notification is made to the project manager (e.g. email to owner/construction manager, distribution lists, document routing; reference A: Pages 111, 178-179 184-185, 198, 204, 217).

Regarding Claim 80 Primavera Expedition teaches a project management system and method further comprising providing a contract to the vendor wherein the contract, as part of the project documentation, defines the tasks to be performed by the vendor (reference A: Pages 163, 177-178).

Regarding Claim 81 Primavera Expedition teaches a project management system and method wherein the contract provides for the issuance of change orders (reference A: Pages 227-243).

Regarding Claim 82 Primavera Expedition teaches a project management system and method further comprises providing a list of all projects associated with a particular user and providing access to project documentation for each project listed (e.g. selection tree, project files; reference A: Pages 12-13, 26).

Regarding Claim 84 Primavera Expedition teaches a project management system and method wherein the project is assigned a project number (project number, job number, etc.; reference A: "Items Overdue" table, Page 5; Paragraph 1, Page 21).

Regarding Claim 85 Primavera Expedition teaches a project management system and method wherein the funding approval is part of a client (owner) request (request for assistance, contract, requisition, submittal, bid, bid package, request for information, request for proposal, etc.; reference A: Pages 37, 129, 163, 177, 311).

Regarding Claim 86 Primavera Expedition teaches a project management system and method wherein the funding approval process is processed within the system by an approval process ("Process Overview", Page 198; "Certifying a

Requisition", Page 212; Paragraph 1, Page 213; "Approving Change Orders", Page 269; "Tracking Multiple Reviewers", Page 324; figure on Page 198).

Regarding Claim 87 Primavera Expedition teaches a project management system and method wherein the approval process includes a series of approvers (reference A: "Setting Up Distribution List", Page 33; Paragraph 1, Page 39; Paragraph 1, Page 173; Paragraph 2, Page 204; "Tracking Multiple Reviewers", Page 324; "Obtain approvals and certify", figure on page 198).

Regarding Claim 90 Primavera Expedition teaches a project management system and method further comprises soliciting work from the vendor (transmittals, submittals, contracts, negotiate, bids, RFPs, bid packages, proposals, etc.; reference A: Pages 39, 129, 292-298; 312-315; bid package, figure on Page 73; Paragraph 1, Page 251; "Collecting Proposals", Page 265; Paragraph 1, Page 298; Figures on Pages 77, 251, 258).

Regarding Claim 91 Primavera Expedition teaches a project management system and method wherein the vendor communicates with the system using a workstation over a network (email, LAN, WAN, etc.; reference A: "Email System", Page 115; "Sending or Dialing in a Request", Page 217).

Regarding Claim 93 Primavera Expedition teaches a project management system and method wherein the system provides for a user to access all funding documents for projects on which the user is involved (Expedition workspace, project tree, selection tree, etc.; "Setting Access Rights", Page 23; "Publishing reports on the World Wide Web", Page 417; figure on Page 12).

Regarding Claim 94 Primavera Expedition teaches a project management system and method further comprises providing an evaluation of an offer (bid, proposal, change order, submittal, etc.) extended by a vendor (submittals process, contract negotiation/changes; reference A: Pages 227-228; 292-298, 312-314, 324-325, 329).

Regarding Claim 95 Primavera Expedition teaches a project management system and method wherein the review entity is a project manager and the offer extended is a bid (reference A: Pages 227-228, 292-298, 312-314).

Regarding Claim 97 Primavera Expedition teaches a project management system and method wherein the vendor is a construction entity (reference A: Pages 16-18).

9. Claim 98 is rejected under 35 U.S.C. 102(e) as being anticipated by Casto, U.S. Patent No. 6,038,547.

Regarding Claim 98 Casto teaches a construction project management system and method comprising the coordination of work done on a project and the electronic receipt (applications for payment, invoices, requests for payments, AIAA G702/703 forms), review, approval and payment of project work completed by a plurality of vendors (contractors, subcontractors; Abstract; Column 2, Lines 65-68; Column 3, Lines 1-30).

More specifically Casto teaches a method and system for managing a project (work, effort, activity, initiative, product, service, etc.) comprising:

- establishing a database (Column 5, Lines 17-27);
- workstations (terminals, devices, handheld computers, etc.) connected via a network (Column 6, Lines 25-63);
- providing funding (financial) approval associated with a project wherein the approval is associated with one or more project documents (e.g. AIA G702/703, Application and Certificate for Payment) maintained in the system/database (Abstract; Figures 1-2B);
- vendor (contractor, subcontractor, supplier, business entity, user, etc.) access to the database (Column 4, Lines 11-33; Column 5, Lines 47-52);
- vendor submitting (entering, inputting, providing, uploading, sending, etc.) project information electronically (Column 5, Lines 46-54);

- vendor determining that funding approval for the project has been secured (i.e. the project's funding has been approved) by accessing the project documents (e.g. receipt of AIA G702 – certificate of payment; Figures 2A-2B);

- transferring monetary funds to the vendor after a predetermined (predefined, agreed to) event has occurred (completion of a portion of a project, milestone, date, invoice, etc.; Column 6, Lines 20-24);

- the project is a construction project (Abstract; Title); and

- vendor (contractor, builder, subcontractor, etc.) is a construction entity (Abstract).

Casto further teaches that the project management system and method utilizes a plurality of well known and widely used American Institute of Architects (AIA) documents (forms, processes, procedures) related to construction projects including but not limited to the following (Column 1, Lines 34-68; Column 2, Lines 1-63; Column 6, Lines 19-22; Figures 1-2B):

- AIA contractor form G702 Application for Payment, a form with which the contractor can apply for payment and the architect (project manager) can certify payment is due;

- AIA document G702 requires the contractor to show the status of the contract sum to date, including the total dollar amount of the work completed and stored to date, the amount of retainage (if any), the total of previous payments, a summary of change orders and the amount of current payment requested; and

- AIA contractor form G703 Continuation Sheet for G702 breaks the contract sum into portions of the work in accordance with a schedule of values required by the general conditions. It serves as both the contractor's application and the architect's (project managers) certification, and its use can expedite payment and reduce the possibility of error. If the G703 Continuation Sheet application is properly completed and acceptable to the architect, the architect's signature certifies to the owner (business, client, etc.) that a payment in the amount indicated is due to the contractor (vendor, subcontractor, etc.). The form also allows the architect to certify an amount different than the amount applied for when the architect provides explanation.

Casto further teaches a method and system for managing a construction project further comprising:

- upon the completion of a portion of a project (milestone, predetermined event, deliverable, work, etc.) the vendor submits an invoice electronically (e.g. AIA G702/703; Column 5, Lines 46-68; Column 6, Lines 1-24; Figures 1-2B);

- payment of the invoice (certification, approval) goes through a validation (approval, verification, review, etc.) process against portions of a project contract (agreement, project plan, plan, etc.; Column 2, Lines 1-3; Column 5, Lines 46-68; Column 6, Lines 1-14);

- enabling users to "log on" and utilizes well known technologies including but not limited to SHTTP (secure hyper text protocol), database management systems (Oracle, Sybase) and Java Column 5, Lines 20-35; Column 6, Lines 31-35);

- vendor approval determination is based on the vendor's review of a purchase order (e.g. Application and Certification of Payment, AIA G702/703) stored as part of the project documentation (Column 5, Lines 46-68; Column 6, Lines 1-25; Figures 2A-2B);

- purchase order is issued electronically (Column 5, Lines 46-68);

- providing a contract to a vendor, as part of the project's documentation, wherein the contract defines tasks to be performed by the vendor (Column 1, Lines 34-55; Column 5, Lines 36-68; Column 6, Lines 1-12);

- a contract (agreement, statement of work, work orders, plan, etc.) that provides for the issuance of change orders by a project manager (e.g. changes to G703; Column 1, Lines 55-65; Column 3, Lines 27-31; Figure 2);

- obtaining an invoice (request for payment, bill; AIA G702) from each builder (vendor, contractor, subcontractor, etc.) once the builder's respective portion of the project is completed (Column 3, Lines 19-23; Column 5, Lines 26-54);

- soliciting work from vendors (request for quote, request for proposal, bids, bidding process, etc.; Column 4, Lines 26-32); and

- the project information can be associated (segmented, aggregated, presented, listed, grouped, etc.) by project, region, contractor/subcontractor (vendor) or the like (Column 3, Lines 5-31).

Claim Rejections - 35 USC § 103

10. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

11. Claims 88-89, 96 and 103 are rejected under 35 U.S.C. 103(a) as being unpatentable over Primavera System, Inc.'s Primavera Expedition as disclosed in at least the following Primavera Expedition Version 6.0 User's Guide (1998), herein after reference A, as applied to claims 68-87, 90-91, 93-95 and 97 above and further in view of Schuyler et al., U.S. Patent No. 6,832,202.

Regarding Claims 88-89 Primavera Expedition teaches a project management system and method comprising a workflow subsystem/component for managing project document collections (contracts, purchase orders, submittals, etc.) including managing the submission, review and approval of those documents as well as changes to those documents as part of a customized workflow/process (reference A: Pages 9, 227-228, 247-248, 269, 324).

Primavera Expedition does not expressly teach that the approver returns the approval to a previous approver who is not the requestor or the approver returns the approval to a previous approver and the requestor as claimed.

Schuyler et al. teach an approval method/system wherein funding requests/approvals are processed via a request for authorization workflow in an analogous art of project administration and management, the system/method comprises:

- a series (successive) of approvers (Column 1, Lines 55-68; Column 4, Lines 60-65);

- returning funding approval to a previous approver who is not the requester (Column 8, Lines 39-68; Figures 2A-2B); and

- returning funding approvals to the requestor and previous approver (Column 8, Lines 39-68);

for the purposes of improving the approval process (workflow) by automating manual tasks (Column 1, Lines 40-45).

More generally Schuyler et al. teach a system and method for routing requests for authorizations (e.g. approval for funding, expenses, applications, work assignments, etc.) wherein the approval process is defined as a workflow. Schuyler et al. teach requests for approvals are routed based on an approval process/rules that include but is not limited to a series of approvers, hierarchy of approvers (Column 1, Lines 28-32), contract rules (Column 1, Lines 58-62; Abstract; Column 1, Lines 55-68; Column 2, Lines 6-36; Column 3, Lines 59-68; Figures 2A-2B) and automatically notifies/forwards approval requests/approvals as well as approval status information to the appropriate users (Column 8, Lines 45-48) and enables users to access approval information over a computer network (Column 7, Lines 38-42).

Schuyler et al. teach that the system and method for managing requests for approvals stores a plurality of documents associated with each request in a database (Column 5, Lines 6-62; Figure 1), provides user notification of request status (rejection, acceptance, etc.; Column 7, Lines 27-32; Column 8, Lines 42-49; Column 10, Lines 10-12) and enables users to access approval information over a computer network (Column 7, Lines 38-42).

It would have been obvious to one skilled in the art at the time of the invention that the construction project management system and method, with its utilization of a customized workflow process for managing the receipt, review, approval and payment related to a collection of project documents (submittals, invoices, contracts, requisition, purchase orders, etc.) as taught by Primavera Expedition would have benefited from routing/returning approvals/reviews to previous approvers and/or the requestor (a series of approvers/reviewers) based on a plurality of rules (contract, monetary, hierarchy, etc.) in view of the teachings of Schuyler et al.; the resultant system providing a substantially automated and robust funding approval process (Schuyler et al.: Column 1, Lines 40-45).

Regarding Claim 96 Primavera Expedition teaches a customizable, multiple reviewer, multi-stage workflow to manage the submission, receipt, review and approval of a plurality of project documents, as discussed above, Primavera Expedition does not

expressly that the project funding approval is effected by client (business) hierarchy as claimed.

Schuyler et al. teach that an organization hierarchy effects funding approval, in an analogous art of project administration and management, for the purposes of routing the approval to the appropriate reviewer/approver of the funding request who is at an appropriate (desired, required) level in the organization (hierarchy; Column 1, Lines 28-32 and 61-64).

It would have been obvious to one skilled in the art at the time of the invention that the construction project management system and method, with its customized project documentation workflow, as taught by Primavera Expedition would have benefited from effecting the approval of one or more of the project documents (e.g. funding/payment approval for a requisition, invoice, purchase order, etc.) by a client hierarchy in view of the teachings of Schuyler et al.; the resultant system enabling users to route approvals to the appropriate reviewer/approver of the funding request who is at an appropriate (desired, required) level in the organization (hierarchy; Column 1, Lines 28-32 and 61-64).

Regarding Claim 103, Claim 103 recites similar limitations to Claims 68-70, 74, 80, 87, 94 and 96 and is therefore rejected using the same art and rationale as applied in the rejection of Claims 68-70, 74, 80, 87, 94 and 96.

12. Claim 92 is rejected under 35 U.S.C. 103(a) as being unpatentable over Primavera System, Inc.'s Primavera Expedition as disclosed in at least Primavera Expedition Version 6.0 User's Guide (1998), herein after reference A, as applied to claims 68-87, 90-91, 93-95 and 97 above and further in view of DeFrancesco et al., U.S. Patent No. 6,505,176.

Regarding Claim 92 Primavera Expedition teaches a project management system and method as discussed above.

While Primavera Expedition teaches tracking the status of a plurality of project documents associated with various contacts/businesses (e.g. tracking submittal status; Page 329) Primavera Expedition does not expressly providing a list of request for assistances associated with a particular business unit as claimed.

DeFrancesco et al. teach providing users with a list of pending funding applications (requests for assistance) associated with a plurality of workgroups (business units, workgroup queue; Column 3, Lines 40-60; Column 7, Lines 28-36), in an analogous art of managing funding approvals, for the purposes of automatically coordinating the request for assistance/funding (loans, mortgages, credit, etc.) workflow amongst a plurality of businesses entities (workgroups; Column 1, Lines 15-37 and 65-68; Column 2, Lines 1-12).

More generally DeFrancesco et al. a workflow system and method for managing the funding approval process/workflow over a network wherein the funding request comprises a collection of documents, stored in a database (Column 4, Lines 1-10), that are routed based on a plurality of rules to a plurality of workgroups (divisions, groups, teams, etc.) for processing (particular set of functions/tasks; Abstract; Column 3, Lines 30-60). DeFrancesco et al. further teach that the funding approval system and method notifies users with respect to the funding approval process/workflow including notifying users of such things as steps completed, in-progress, are next and the like (Column 5, Lines 57-66) as well as returns approvals/requests to the previous approve and/or requestor as required (Column 7, Lines 47-54).

It would have been obvious to one skilled in the art at the time of the invention that the system and method for project management as taught by Primavera Expedition would have benefited from providing a users a list of the currently active (in process, pending, etc.) requests for assistance associated with a particular business unit (workgroup) in view of the teachings of DeFrancesco et al.; the resultant system enabling users to manage/coordinate the approval of requests for assistances (funding/credit requests) amongst a plurality of business entities (DeFrancesco et al.: Abstract).

13. Claim 99 is rejected under 35 U.S.C. 103(a) as being unpatentable over Hoyt et al., U.S. Patent No. 6,067,531.

Regarding Claim 99 Hoyt et al. teach a computer-implemented method for managing a project using a processing system, the system/method comprising ("A contract system automates negotiation and generation of contract documents by managing the workflow in a contract approval process.", Abstract):

- establishing a database in the system, the system being maintained by a project management entity (business, person, etc.; "Multiple users coupled by a computer network, access a contract database containing multiple contracts", Abstract; Column 2, Lines 13-17; Figure 1, Element 109; Figure 4, Element 412);

- providing funding approval (signed/awarded contract) associated with the project, the funding being effected in association with a document collection associated with the project, the document collection maintained in the database (Column 8, Lines 1-20);

- accessing the document collection in the database by a vendor (i.e. the vendor is the project management entity which is preparing a contract for a customer's approval/execution; Column 2, Lines 13-37; Column 7, Lines 34-65);

- the vendor entering and submitting electronically information related to the project (Column 7, Lines 34-65; Column 8, Lines 1-20; Figures 6, 14); and

- the vendor determining that approval for the project has been secured through access to the system ("signed'-external" status; Column 8, Lines 1-20; Column 15, Lines 41-46; Column 16, Lines 1-15; Figure 4, Element 422; Figure 6).

Hoyt et al. further teaches that the computer-implemented project management method comprises:

- multiple level/role-based security (access control to system and documents contained therein; Column 7, Lines 33-40; Column 13; Lines 57-65);

- the approval process is executed by a series of hierarchically arranged approvers/reviewers (Column 7, Lines 34-66; Column 8, Lines 1-20; "User_Hierarchy Table", Columns 9-10; Figures 4A-4B); and

- provides each user with a list of the projects (contracts) they are assigned to and provides the data set/document collection associated with each listed project (Column 7, Lines 33-43).

Hoyt et al. does not expressly teach transferring monetary funds to the vendor after a predetermined event has occurred as claimed.

Official notice is taken that it is a common and widely practice business practice to pay for services rendered. More specifically it is old and well known to transfer monetary funds to vendors (contractors, suppliers, subcontractors, etc.) upon the completion of project milestones, time frames or work progress.

It would have been obvious to one skilled in the art at the time of the invention that the computer-implemented project management method as taught by Hoyt et al. would have benefited from the common business practice of paying for services rendered (work completed) in view of the teachings of official notice.

14. Claims 100 and 102 are rejected under 35 U.S.C. 103(a) as being unpatentable over Owen, David, Facilities Management & Relocation (1993) in view of Primavera System, Inc.'s Primavera Expedition system/product as disclosed in at least the following Primavera Expedition Version 6.0 User's Guide (1998), herein after reference A.

Regarding Claims 100 and 102 Owen teaches a method for managing a project (construction and relocation projects) comprising:

- establishing a document collection (repository, data set, etc.) to store (save, archive, etc.) project documents, document collections and project data by a project management entity (construction documents, master forms; Numbers 21-34; Pages 124-125; Master Forms, Pages 359, 361-362);

- providing funding approval associated with the project, the funding approval being effected in association with a document collection associated with the project (change order approval, Figure 8.2; field order, Paragraph 5, Page 210; Number 24, Page 125; final budget, Page 137; Figure 4.5);

- accessing the document collection by a vendor (last Paragraph, Page 201; Paragraph 3, Page 204);

- the vendor entering and submitting information related to the project (number 28, Page 125; Last Paragraph, Page 199; Paragraphs 1-2, Page 200);

- the vendor determining that approval for the project has been secured (number 34, Page 126; hold backs, last two Paragraphs, Page 217; purchase orders, final cost settlement, Page 241; Figure 4.5); and

- transferring monetary funds to the vendor after completion of a portion of the project associated with the vendor (monthly payment draw, Paragraph 2, Page 204; Bullet 7, Page 207; hold backs, last two Paragraphs, Page 217; final cost settlement, Page 241).

Owen does not expressly teach that the project management method is implemented on a computer or subsequently the establishing, storing and/or maintaining a database comprising project documentation or the vendor submitting project information electronically as claimed.

Primavera Expedition teaches a computer-implemented project management method wherein a project management entity establishes a project document collection database (construction manager, general contract, owner, etc.; reference A: Pages 16-18; e.g. Sybase; Bullet 10, Page 10; Pages 93-97);

- providing funding approval associated with the project, the funding approval being associated effected in association with project documentation contained in the database (e.g. approved revisions/change orders, initial/committed budget, invoice/requisition approval, negotiated, etc.; reference A: Paragraph 3, Page 16; Bullet 6, Pages 168, 173, 198; Step 5, Page 199; Paragraph 2, Page 204; Pages 212-213);

- accessing the document collection by a vendor over a network (supplier, contractor, partner, general contractors, construction managers, etc.; reference A: Pages 16-18);

- vendor entering/submitting information related to the project electronically (invoices, requisitions, purchase orders, change orders, submittals, etc.; reference A: Pages 177-179, 198); and

- vendor determining that funding approval for the project has been secured through access to the document collection (e.g. submit/track submittals, proceed orders, committed, actuals, pending, changes, etc.; reference A: Page 6-8, 163-166, 181; "Funding", Bullet 5, Page 165; "reviewing contract status", Page 188)

in an analogous art of project management for the purposes of making it easier to manage/control projects and the projects associated document collections (Page ix).

It would have been obvious to one skilled in the art at the time of the invention that the project management method as taught by Owen would have benefited from automating the project management method using a computer, establishing a project document collection database and enabling users (vendors) to submit project information electronically in view of the teachings of Primavera Expedition; the resultant system/method making it easier to manage/control projects and the projects associated document collections (Primavera Expedition: Page ix).

Furthermore, it is well settled that it is not "invention" to broadly provide a mechanical or automatic means to replace manual activity which has accomplished the same result. In re Venner, 120 USPQ 192.

15. Claims 101 and 104 are rejected under 35 U.S.C. 103(a) as being unpatentable over Primavera System, Inc.'s Primavera Expedition as disclosed in at least the following Primavera Expedition Version 6.0 User's Guide (1998), herein after reference A, in view of Hoyt et al., U.S. Patent No. 6,067,531.

Regarding Claim 101 Primavera Expedition teaches a project management system and method comprising:

- establishing a database maintained by a project management entity (construction manager, general contract, owner, etc.; reference A: Pages 16-18; e.g. Sybase; reference A: Pages xiv, 4; Bullet 10, Page 10);

- providing funding approval associated with the project, the approval being effected in association with a project document collection maintained in the database wherein the funding approval comprises (e.g. approved revisions/change orders, initial/committed budget, invoice/requisition approval, negotiated, etc.; reference A: "Invoices/Requisitions are generated from contracts/POs, then sent for payment approval. The amounts are posted on the Cost Worksheet to track actual costs", Paragraph 4, Page 6; Paragraph 3, Page 16; "Approving Requisitions: Preparing Requisitions for Payment chapter.", Bullet 6; Page 18; "You can easily track submittal review cycles.... which submittals where approved and which are pending", Paragraph 1, Page 39; Bullets 1-2 and 5, Page 165; "Change management is a workflow process that automatically creates the documents necessary to track a change from the initial request through approval.", Paragraph 1, Page 173; Step 5, Page 199; Paragraph 2,

Page 204; Pages 212-213; "Type the date the contract was signed"; figure caption, Page 21; contract acceptance field, figure on Page 37; document status – approved as noted, approved, disapproved, etc., first figure on Page 78; action taken section on transmittal form – approved as submitted, approved as noted, etc.; Page 133);

- series of approvers, multiple review stages hierarchy (workflow, steps, identities; reference A: "Setting Up Distribution List", Page 33; Paragraph 1, Page 39; Paragraph 1, Page 173; Paragraph 2, Page 204; "Tracking Multiple Reviewers", Page 324; "Obtain approvals and certify", figure on page 198);

- automatically forwarding a notice requesting the approval of at least one electronic document to a successive one of the entities upon approval of at least one document by a previous entity review/approval process (document routing, change management, distribution lists, multiple reviewers, etc.; reference A: 132, 312, 321, 324-325; "Setting Up Distribution List", Page 33; Paragraph 1, Page 39; Paragraph 1, Page 173; Paragraph 2, Page 204; "Tracking Multiple Reviewers", Page 324; "Obtain approvals and certify", figure on page 198).);

- vendor accessing the project documentation collection (supplier, contractor, partner, etc.; .; reference A: "As the general contractor you'll use Expedition to manage shop drawings and submittal items, track project issues, document the change process and record daily progress.", Paragraph 3, Page 16; Pages 16-18; group roles – construction manager, architect, engineer, contractor, subcontractor, supplier, etc.; Paragraph 1, Page 77);

- vendor (contractor, subcontractor, supplier, manufacturer, etc.) entering/submitting information related to the project electronically (invoices, requisitions, purchase orders, change orders, submittals, etc.; reference A: Pages 177-179, 198; "Requisitions, or formal requests for payment, are usually issued by general contractors to the owner on a monthly basis as portions of the work on a project are completed....an application for payment based on the original requisition is updated, certified and sent.", Paragraph 1, Page 198; application for payment, second figure on Page 201; "After an application for payment is submitted, the contracting parties negotiate and eventually agree on an amount. The requisition is then certified, and you the contractor can submit it to the owner for payment.", Paragraph 1, Page 217); and

- vendor determining that funding approval for the project has been secured through access to the document collection (e.g. submit/track submittals, proceed orders, committed, actuals, pending, changes, etc.; reference A: "After participants accept a contract or purchase order and work begins, any changes resulting from changed specifications or changed conditions affect the initial contract.", Last Paragraph, Page 6; Page 6-8, 163-166, 181; "Funding", Bullet 5, Page 165; "reviewing contract status", Page 188; "Requisitions are based on contract or purchase order...parallel industry standard AIA G702/703 certification payment forms....You negotiate the line item or lump sum costs until a payment agreement is reached and the requisition is approved and certified.", Last Paragraph, Page 198; "Depending on your role, you may issue payment requests or receive payment requests. For example, if you are a general contractor you receive payment requisitions from subcontractors and you issue

requisitions to owners.", Paragraph 1, Page 199; Figure, Page 200; "All applicable parties approve the requisition.", Paragraph 2, Page 204; "Certifying a Requisition", Page 212).

Primavera Expedition does not expressly teach identifying an approval hierarchy as claimed.

Hoyt et al. teach approval process is executed by a series of hierarchically arranged approvers/reviewers (Column 7, Lines 34-66; Column 8, Lines 1-20; "User_Hierarchy Table", Columns 9-10; Figures 4A-4B) in an analogous art of project management and/or document approval for the purposes of enabling multiple hierarchical levels/classes of users review, revise and approve/accept one or more documents/projects/contracts for approval until all the reviewers are satisfied/accept the document (Column 8, Lines 1-15).

More generally Hoyt et al. teach a computer-implemented method for managing a project using a processing system, the system/method comprising ("A contract system automates negotiation and generation of contract documents by managing the workflow in a contract approval process.", Abstract):

- establishing a database in the system, the system being maintained by a project management entity (business, person, etc.; "Multiple users coupled by a computer network, access a contract database containing multiple contracts", Abstract; Column 2, Lines 13-17; Figure 1, Element 109; Figure 4, Element 412);

- providing funding approval (signed/awarded contract) associated with the project, the funding being effected in association with a document collection associated with the project, the document collection maintained in the database (Column 8, Lines 1-20);

- accessing the document collection in the database by a vendor (i.e. the vendor is the project management entity which is preparing a contract for a customer's approval/execution; Column 2, Lines 13-37; Column 7, Lines 34-65);

- the vendor entering and submitting electronically information related to the project (Column 7, Lines 34-65; Column 8, Lines 1-20; Figures 6, 14); and

- the vendor determining that approval for the project has been secured through access to the system ("signed'-external" status; Column 8, Lines 1-20; Column 15, Lines 41-46; Column 16, Lines 1-15; Figure 4, Element 422; Figure 6).

Hoyt et al. further teaches that the computer-implemented project management method comprises:

- multiple level role base security (access control to system and documents contained therein; Column 7, Lines 33-40; Column 13; Lines 57-65);

- the approval process is executed by a series of hierarchically arranged approvers/reviewers (Column 7, Lines 34-66; Column 8, Lines 1-20; "User_Hierarchy Table", Columns 9-10; Figures 4A-4B); and

- provides each user with a list of the projects (contracts) they are assigned to and provides the data set/document collection associated with each listed project (Column 7, Lines 33-43).

It would have been obvious to one skilled in the art at the time of the invention that the construction project management system and method, with its custom multi-stage/multiple reviewer workflow for managing the submission, receipt, review, approval and payment for completed work, as taught by Primavera Expedition would have benefited from identifying an approval hierarchy in view of the teachings of Hoyt et al.; enabling multiple hierarchical levels/classes of users review, revise and approve/accept one or more documents/projects/contracts for approval until all the reviewers are satisfied/accept the document (Hoyt et al.: Column 8, Lines 1-15).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Ivanov, Vladimir, U.S. Patent No. 5,706,452, teaches a system and method for managing the approval process associated with one or more documents using well-known workflow techniques and technologies.

- Knudson et al., U.S. Patent No. 5,765,140, teach a project management system and method for managing and tracking a plurality of data (data sets) as well as project funding sources and funding progress associated with projects wherein the system/method comprises request for assistance(s) associated with things such as capital projects.

- Mosig, Richard, Software review (1996) teaches a plurality of project management systems and methods for managing construction projects wherein the systems/methods include document repositories (contracts, applications for payment, change orders, punch lists, submittals, proposals, etc. stored in one or more database), and support project bidding.

- Larsen, Amy, Internet goes to Work for Builders (1998) teaches the commercial availability and use of a computer-implemented construction project management method comprising document repository and workflow engines (subsystems).

- Fusaro, Roberta, Builders Moving to Web Tools (1998) teaches a web-based construction project management system and method which supports "everything from design through billing by supplying a collaboration and workflow management system

specifically crafted for construction projects." More specifically Fusaro teaches that the system/method enables users to review/process requests for assistance (e.g. request for information, bids, etc.).

- Deckmyn, Dominique, San Francisco manages $45m project via web-based service (1999) teaches the use of a secure web-based construction project management system and method for managing a plurality of documents/data associated with one or more construction projects wherein a plurality of construction project team members (project management, contractors, owners, vendor, etc.) access, submit and review the plurality of project documents/data stored in the database/system. Deckmyn further teaches that these systems support user-level/role-based security and provide users with personalized access to the project documents/data they are assigned to/associated with.

- Primavera Systems Delivers Expedition Express (1999) teaches an online system and method for project management wherein the system/method enables project managers, contractors/vendors/subcontractors, owners and the like to securely access, submit and review a plurality of documents/data associated with the project. The article further teaches that "users get a personalized to-do list of items requiring immediate attention, such as open RFIs, correspondence, daily progress reports – ensuring timely responses from even the most remote members of the project team."

- Hernandez et al., Software solutions (1999) teaches several commercially available computer-implemented construction project management methods wherein

the methods/systems enable users to securely access, submit and respond to request for assistances (RFIs, change orders, etc.).

- Seibert, Paul, Facilities Planning & Design for Financial Institutions (1996) teaches well known techniques/methods (forms, checklists, etc.), used by financial institutions and others, for the planning of facilities including construction and relocation management as well as facility management.

- Cotts, David, The Facility Management Handbook (1998) teaches well known methods and techniques for facility management including project management of construction projects.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Scott L. Jarrett whose telephone number is (571) 272-7033. The examiner can normally be reached on Monday-Friday, 8:00AM - 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hafiz Tariq can be reached on (571) 272-6729. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SJ
5/11/2006

TARIQ R. HAFIZ
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600

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Application/Control No.	Applicant(s)/Patent Under Reexamination	
09/705,486	GENDLER, JOSEPH	
Examiner	Art Unit	Page 1 of 3
Scott L. Jarrett	3623	

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-5,706,452	01-1998	Ivanov, Vladimir I.	715/751
*	B	US-5,765,140	06-1998	Knudson et al.	705/9
*	C	US-6,067,531	05-2000	Hoyt et al.	705/35
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

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NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Mosig, Richard, Software review: The construction project manager Cost Engineering, January 1996, Vol. 38, No. 1, Pages 7-8
	V	Deckmyn, Dominique, San Francisco manages $45m project via web-based service Computerworld, August 9, 1999, Vol. 33, No. 32, Page 14
	W	Larsen, Amy, Internet Goes to Work for Builders InternetWeek, November 16, 1998, Issue 741
	X	Fusaro, Roberta, Builders moving to Web Tools Computerworld, November 16, 1998, Vol. 32, No. 46, Pages 51, 53

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited	Application/Control No. 09/705,486	Applicant(s)/Patent Under Reexamination GENDLER, JOSEPH	
	Examiner Scott L. Jarrett	Art Unit 3623	Page 2 of 3

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
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	B	US-			
	C	US-			
	D	US-			
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	K	US-			
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	M	US-			

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	P					
	Q					
	R					
	S					
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NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Primavera Systems Delivers Expedition Express Business Wire, February 23, 1999
	V	Hernandez, Tomas et al., Software solutions Building Design & Construction, November 1999, Vol. 40, No. 11, Pages 38-40
	W	Owen, David, Facilities Planning & Relocation RSMeans, 1993, ISBN: 0-87629-281-3
	X	Seibert, Paul, Facilities Planning & Design for Financial Institutions Bankline Publications, 1996, ISBN: 1-55738-780-X

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited	Application/Control No. 09/705,486	Applicant(s)/Patent Under Reexamination GENDLER, JOSEPH	
	Examiner Scott L. Jarrett	Art Unit 3623	Page 3 of 3

U.S. PATENT DOCUMENTS

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	M	US-			

FOREIGN PATENT DOCUMENTS

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	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Cotts, David, The Facility Management Handbook - Second Edition AMACOM, 1998, ISBN: 0-8144-030-8
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

ATTACHMENT 1

Patent No.	Application No.	Title	Country	Filing Date
5592306	08/528790	SCANNER APPARATUS INCLUDING A LIGHT ADJUSTING DEVICE	US	1995/9/15
5677527	08/541044	COMPENSATION METHOD AND APPARATUS FOR IMAGE SIGNALS GENERATED BY CCD	US	1995/10/11
5693937	08/639600	IMAGE INFORMATION READING APPARATUS WITH AN INTERNAL DOCUMENT TRAY	US	1996/4/29
5700005	08/636534	APPARATUS FOR CONTROLLING SHEET FEED-OUT FROM AN AUTOMATIC SHEET FEEDER INTO A RECEIVING TRAY	US	1996/4/13
5726790	08/683435	CONVERTER FOR CONVERTING A REFLECTION TYPE SCANNER TO A TRANSPRANCE TYPE SCANNER	US	1996/7/19
5734477	08/651390	OPTICAL DEVICE HAVING MULTILENSES	US	1996/5/22
5742711	08/726833	LOW-DISTORTION AND HIGH-SPEED COLOR IMAGE SCANNER	US	1996/10/8
5780829	08/792216	FLAT-PLATE SCANNER WITH TWO LAMPS	US	1997/1/31
5786590	08/832338	METHOD FOR DRIVING A SCANNING SYSTEM WITH A REFERENCE PATTERN	US	1997/4/3
5786903	08/636437	MULTI-POWER CONTROL SYSTEM FOR SCANNERS	US	1996/4/23
5798522	08/828809	METHOD OF DRIVING A CASSETTE SCANNING SYSTEM	US	1997/4/3
5798849	08/744215	MULTILEVEL LIGHT SOURCE DEVICE	US	1996/11/5
5801962	08/626141	METHODE AND APPARATUS FOR CALIBRATING IMAGE SYSTEM	US	1996/4/5
5815284	08/435666	SCANNER FOR VIDEO DISPLAY SYSTEM INTERFACE MODULE	US	1995/5/5
5816969	08/734680	DRIVING APPARATUS FOR A FLATBED SCANNER	US	1996/10/21
5822052	08/772323	METHODE AND APPARATUS FOR COMPENSATING ILLUMINANCE ERROR OF A LIGHT SOURCE	US	1996/11/23

Patent No.	Application No.	Title	Country	Filing Date
5822087	08/728226	APPARATUS HAVING A ROTATABLE ARM FOR PROVIDING LIGHT SOURCE FOR A TRANSPARENT SHEET AND A REFLECTIVE SHEET	US	1996/10/10
5845180	08/795175	APPARATUS HAVING A SIMPLIFIED DRIVING DEVICE FOR SCANNING AN ORIGINAL SHET	US	1997/2/4
5852683	08/713824	METHOD FOR AUTOMATIC IMAGE MERGE	US	1996/9/13
5857133	08/916941	INFORMATION READING APPARATUS HAVING A CONTACT IMAGE SENSOR	US	1997/8/25
5861616	08/723060	METHODE AND DEVICE FOR A WAVEFORM OF AN ANALOG SIGNAL RECOGNIZING	US	1996/10/1
5861622	08/790850	HANDY SCANNER HAVING SCANNER PATH STRAIGHTNESS-MAI	US	1997/2/3
5864133	08/910089	MULTI-LENSE HIGH RESOLUTION OPTICAL DEVICE	US	1997/8/12
5880858	09/001979	METHOD OF AUTO-CROPPING IMAGES FOR SCANNERS	US	1997/12/31
5895914	08/805073	SCANNER CAPABLE OF SCANNING PENETRATIVE DOCUMENT AND REFLECTIVE DOCUMENT WITH SINGLE LAMP	US	1997/2/25
5900950	08/914175	IMAGE SCANNER WITH A FUNCTION OF INITIATING SCANNING AUTOMATICALLY	US	1997/8/19
5900951	08/916944	A CIS INFORMATION READING APPARATUS	US	1997/8/25
5911417	08/866328	SHEET JAMMING-PROOF MECHANIS, FOR PAPER-FEEDING SYSTEM	US	1997/5/30
5914871	09/115525	CCFL POWER CONTROL DEVICE	US	1999/6/22
5923445	08/927520	APPARATUS & METHOD OF SCAN COMPOSING	US	1997/9/11
5926290	08/757103	DOCUMENT TRAY-DRIVEN APPARATUS FOR PHOTO DRIVE	US	1996/12/2
5931058	08/846054	CAN OPENER	US	1997/4/25
5936239	08/968559	LENS HOLDER FOR A SCANNER SYSTEM	US	1997/11/12
5936747	08/790885	CASSETTE SCANNING SYSTEM	US	1997/2/3
5938738	08/963312	PERIPHERAL CONTROL SYSTEM	US	1997/11/3

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5939708	08/927068	ALIGNMENT PATTERN AND ALIGNMENT METHOD FOR A SCANNING SYSTEM	US	1997/9/10
5940191	08/677238	COLORED OPTICAL SENSING MODULE	US	1996/7/9
5942746	09/056596	MULTI-LENSES OPTICAL DEVICE	US	1998/4/7
5943451	08/865681	IMAGE SCANNER WITH AUTOMATIC MOVING FUNCTION	US	1997/5/30
5952669	08/968437	METHOD OF ALIGNMENT FOR CCD AND THE APPARATUS OF THE SAME	US	1997/11/12
5953169	08/787754	OPTICAL FILTER DEVICE	US	1997/1/28
5959745	08/639450	TRANSMISSION MECHANISM FOR AN IMAGE INFORMATION READING APPARATUS	US	1996/4/29
5969845	09/153875	DEVICE AND METHOD FOR DETERMINING RESOLUTION OF A MULTIPLE RESOLUTION SCANNER	US	1998/9/16
5971278	08/914232	METHOD OF ALIGHMENT FOR MULTIi-CCD & THE APPARATUS OF THE SAME	US	1997/8/19
5973866	09/159428	LOCKING DEVICE FOR LOCKING A SCANNING MODULE IN A SCANNER	US	1998/9/22
5979016	09/133491	COVER HINGE STRUCTURE	US	1998/8/12
5986254	09/292482	MULTI-LENSES OPTICAL DEVICE	US	1999/4/15
5988779	09/128984	DOCUMENT TRAY OF OPTICAL SCANNER	US	1998/8/3
5991054	08/886966	WINDOW MANAGEMENT OF A SCANNING MACHINE	US	1997/7/2
5995231	09/187196	METHOD FOR CALIBRATING A LIGHT TRAVELING DISTANCE IN A SCANNING MODULE	US	1998/11/3
5995683	08/903538	IMAGE SCANNER HAVING SCAN-MONITORING FUNCTION	US	1997/7/30
5997199	09/148051	PAPER FEEDING MODULE OF A COLOR PICTURE PRINTER	US	1998/9/3
5999277	08/886543	A CIS INFORMATION READING APPARATUS HAVING ROLLING ELEMENTS INTERPOSED BETWEEN A CIS MODULE AND A SHEET TABLE	US	1997/7/1
6005684	08/998678	SHEET-FED TYPE SCANNER WITH DOCUMENT	US	1997/12/29

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6005685	08/916943	CIS INFORMATION READING APPARATUS HAVING AN IMPROVED CONVEYING DEVICE	US	1997/8/25
6008501	08/901608	APPARATUS & METHOD FOR AUTOMATICALLY DETECTING PRESENCE OF A SCANNED DOCUMENT	US	1997/7/28
6008944	09/121519	OPTICAL DEVICE WITH OPTIONAL RESOLUTIONS	US	1998/7/23
6018401	09/055289	CARRIAGE	US	1998/4/6
6023349	08/898601	APPARATUS FOR SCANNING	US	1997/7/23
6031640	08/922474	SCANNER DRIVING APPARATUS	US	1997/9/3
6031943	08/263473	METHODE AND APPARATUS FOR DISTORTION DETECTION OF SCANNED IMAGE	US	1994/6/22
6049433	09/163786	DEVICE FOR EQUALIZING LIGHT STRENGTH OF LIGHT SOURCE	US	1998/9/30
6052147	08/739179	PHOTIC IMAGE PROCESSING DEVICE	US	1996/10/30
6060849	09/252672	CURRENT CONTROL SYSTEM FOR AN ELECTRIC MOTOR	US	1999/2/19
6061053	09/089933	AUTOMATIC GAIN CONTROL DEVICE OF AN LCD PROJECTOR FOR CONVERTING ANALOG COLOR SIGNALS	US	1998/6/3
6061147	08/986890	APPARATUS AND METHOD FOR DETECTING SCANNING BOUNDARY	US	1997/12/8
6061191	09/148768	LENS FISER DEVICE FOR SCANNER	US	1998/9/5
6067386	08/938742	METHOD AND SYSTEM FOR AUTOMATIC IMAGE-PROPERTY IDENTIFICATION FOR AN OPTICAL SCANNER	US	1997/9/26
6072602	08/917107	INFORMATION READING APPARATUS HAVING A UNIVERSAL CONTACT IMAGE SENSOR CARRIAGE	US	1997/8/25
6073844	09/100842	CCD SHIFT-ALIGNMENT DEVICE FOR OPTICAL SCANNER	US	1998/6/19
6075241	09/187195	SCANNING MODULE WITH TWO OPPOSITELY MOVABLE LENSES FOR CHANGING SCAN RESOLUTION	US	1998/11/3

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6075242	09/187198	OPTICAL SCANNING MODULE WITH ADJUSTABLE OPTICAL PATH	US	1998/11/3
6084230	09/100292	OPTICAL DEVICE WITH OPTIONAL RESOLUTION	US	1998/6/12
6097026	09/100843	CCD SELF-ALIGNMENT DEVICE FOR OPTICAL SCANNER	US	1998/6/19
6101003	08/887514	CASSETTE SCANNING APPARATUS	US	1997/7/3
6128418	09/169845	BUILT-IN SCANNER	US	1998/10/9
6131875	09/132053	SHOCK ABSORBING STRUCTURE	US	1998/8/11
6133580	09/168196	COMPENSATING DEVICE FOR IMPROVING THE SCANNING LUMINANCE IN A SCANNER	US	1998/10/7
6134027	08/956897	METHOD AND DEVICE FOR DETERMINING SCANNING DIMENSION	US	1997/10/23
6137106	09/281832	CONTACT IMAGE SENSOR MODULE HAVING SPRING MOUNTINGS	US	1999/3/30
6141134	09/220823	MULTIPLE-RESOLUTION OPTICAL DEVICE	US	1998/12/24
6141704	09/070679	PARALLEL PORT FOR CONNECTING MULTIPLE DEVICES AND METHOD FOR CONTROLLING THE SAME	US	1998/4/30
6144467	09/118213	DEVICE AND METHOD FOR IMPROVING SCANNING QUALITY OF IMAGE SCANNER	US	1998/7/17
6145014	08/999117	METHOD & SYSTEM FOR ESTABLISHING DDE CONVERSATION BETWEEN SOURCE MANAGER SOFTWARE & DATA SOURCE SOFTWARE	US	1997/12/9
6157466	09/107073	HIDDEN DOCUMENT-COVERING DEVICE FOR SCANNER	US	1998/6/29
6157467	09/100841	CCD ROTARY-ALIGNMENT DEVICE FOR OPTICAL SCANNER	US	1998/6/19
6163315	09/206553	PROCESS FOR DETECTING AND ADJUSTING THE SYNCHRONIZATION OF VIDEO SIGNAL FOR DISPLAYING	US	1998/12/8
6163388	08/962666	METHOD FOR AUTOMATIC SCANNING	US	1997/11/3

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6163659	09/413506	SCANNING STATUS INDICATING DEVICE FOR AUTOMATIC DOCUMENT FEEDER	US	1999/10/6
6175110	09/050238	BUILD-IN SCANNER BY USING SINGLE LIGHT SOURCE	US	1998/3/26
6178015	09/092263	APPARATUS AND METHOD FOR INCREASING THE SCAN ACCURACY AND QUALITY OF THE FLATBED SCANNER BY USING CLOSE LOOP CONTROL	US	1998/6/5
6185053	09/037167	RESOLUTION ADJUSTING DEVICE	US	1998/3/9
6188801	09/144495	METHOD AND APPARATUS FOR AUTOMATCI IMAGE CALIBRATION FOR AN OPTICAL SCANNER	US	1998/8/31
6190015	09/368520	LIQUID CRYSTAL DISPLAY PROJECTOR WITH A LENS PROTECTING DEVICE CAPABLE OF PROTECTING AND POSITIONING LENS	US	1999/8/5
6205258	09/073506	IMAGE SCANNING DEVICE	US	1998/5/6
6205618	09/350114	HINGE	US	1999/7/9
6220065	09/339033	MECHANICAL PUSH BUTTON LOCK	US	1999/6/23
6222934	09/116896	TEST CHART FOR DETERMINING THE IMAGE QUALITY OF AN OPTICAL SCANNER	US	1998/7/17
6226106	09/090869	A SCANNING SYSTEM WITH RETRACTABLE IMAGE CAPTURING DEVICE	US	1998/6/5
6226107	09/115833	MULTI-RESOLUTION SCANNERS	US	1998/7/15
6229629	09/152152	DETERMINATION OF SCAN START POINT FOR IMAGE SCANNER	US	1998/9/11
6230588	09/318383	CAN OPENER	US	1999/5/25
6233065	09/007641	SCANNER WITH TRANSMISSION-MODE SCANNING FUNCTION	US	1998/1/15
6236472	09/053032	FLATBED SCANNERS WITH SINGLE DYNAMIC SOURCE	US	1998/4/1
6236770	09/013814	BATCHING SCANNING METHOD OF AN IMAGE SCANNER	US	1998/1/27
6247374	09/311006	LOCKING MECHANISM	US	1999/5/13

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6252998	09/148053	METHOD FOR ADJUSTING RESOLUTION OF A SCANNING MODULE	US	1998/9/3
6256117	09/116186	DISTINGUISHING METHOD FOR OBJECT SCANNED BY SCANNING DEVICE	US	1998/7/15
6259540	09/116159	DISTINGUISHING METHOD FOR OBJECT SCANNED BY SCANNING DEVICE	US	1998/7/15
6268938	08/985968	SCANNER WITH A GROOVE IN ITS SCANNING SURFACE REDUCING STICKING EFFECT	US	1997/12/5
6278808	09/239407	METHOD AND APPARATUS FOR OBTAINING RELATIVE AND ABSOLUTE MODIFYING FACTORS FOR IMAGE SCANNING APPARATUS	US	1999/1/28
6282331	08/971420	APPARATUS OF ALIGNMENT FOR SCANNER AND A METHOD OF THE SAME	US	1998/11/17
6295143	09/026377	APPARATUS AND METHOD OF DETECTING A SCANNING RANGE WHEN APPLYING ASSISTANT FRAMES FOR FLATBED SCANNERS	US	1998/2/19
6424748	09/285709	METHOD FOR INCREASING BIT NUMBER OF DIGJTAL IMAGE SIGNALS GENERATED BY A SCANNER	US	1999/4/5
6489602	09/698822	IMAGE SCANNER HAVING DRIVING MECHANISM TO SYNCHRONIZE MOVEMENT OF TRANSMISSION-MODE LIGHT SOURCE AND IMAGE PICKUP DEVICE	US	2000/10/26
6567553	09/321845	METHOD FOR GENERATING DIVERSIFIED IMAGE FRAME	US	1999/5/28
6625324	09/338225	APPARATUS AND METHOD FOR PROVIDING COMPENSATION BITS FOR POST IMAGE PROCESSING	US	1999/6/22
6636335	09/338224	WIDE IMAGES SCANNER	US	1999/6/22
6638192	09/413504	AUTOMATIC COOLING MECHANISM FOR ELECTRICAL DEVICE	US	1999/10/6
6694062	09/368609	DEVICE AND METHOD OF CORRECTING DARK LINES OF A SCANNED IMAGE	US	1999/8/5
6710899	09/683957	CCD SCANNER POWERED BY A SERIAL BUS	US	2002/3/6

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6721074	09/311600	A DOUBLE SIDE SCANNER MODULE	US	1999/5/13
6930799	09/725244	POSITION-RETAINING METHOD AND SYSTEM FOR A SCANNING SYSTEM CAPABLE OF COPY AND FACSIMILE	US	2000/11/29
6952527	10/751457	APPARATUS FOR RELEASING FLASH DEVICE AUTOMATICALLY	US	2004/2/25
5734477C1	90/005273	OPTICAL DEVICE HAVING MULTILENSES	US	1999/2/26
6169622B1	09/187199	AN OPTICAL SCANNER WITH A DISTANCE ADJUSTING DEVICE	US	1998/11/3
6233426B1	09/246694	COVER ASSEMBLY FOR AN IMAGE PROCESSING SYSTEM	US	1999/2/9
6287203B1	09/429320	METHOD AND STRUCTURE FOR COUPLING A STEP MOTOR SHAFT	US	1999/10/26
6320745B1	09/413505	COOLING MECHANISM FOR ELECTRICAL DEVICE HAVING ROLLING SHAFT	US	1999/10/6
6339482B1	09/164423	CONTROL METHOD FOR POSITIONING MULTIPLE LENS OF SCANNR	US	1998/9/30
6353486B1	09/632206	DEVICE AND METHOD FOR IMPROVING SCANNING QUALITY OF IMAGE SCANNER	US	2000/8/2
6373983B1	09/138539	METHOD FOR DETECTING THE OCCURRENCE OF MISSING LINES ON IMAGES GENERATED BY AN OPTICAL SCANNER	US	1998/8/24
6376835B1	09/427980	SCANNER MODULE WITH ADJUSTABLE MAGNIFICATION RATIO	US	1999/10/26
6377362B1	09/213987	METHOD AND APPARATUS FOR OBTAINING MAGNIFICATION ERROR FOR IMAGE SCANNING APPARATUS	US	1998/12/17
6377910B1	09/311585	IMAGE-SENSOR EMULATING DEVICE	US	1999/5/14
6381043B1	09/275507	DEVICE USED IN IMAGE SCANNER FOR QUICKLY AND PRECISELY DETERMINING SCAN START POINT AND iMPROVING SCANNING QUALITY	US	1999/3/24
6392762B1	09/275501	DEVICE FOE QUICK AND PRECISE DETERMINATION OF SCAN START POINT FOR IMAGE SCANNER	US	1999/3/24

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6400484B1	09/693947	SCANNER FOR SCANNING TRANSPARENT AND REFLECTIVE DOCUMENTS	US	2000/10/23
6401124B1	09/231710	NETWORK PERIPHERAL SHARING SYSTEM	US	1999/1/13
6414461B1	09/740,897	SCANNER THAT CONTROLS STEOOING MOTOR TORQUE	US	2000/12/21
6421088B1	09/100643	DIGITAL CAMERA WITH AN ADJUSTING DEVICE FOR ADJUSTING ITS LENS AND IRISES	US	1998/6/19
6424435B1	09/293335	MODULARIZED CARRIAGE HAVING SHOCK ABSORBER STRUTS FOR A CONTACT IMAGE SENSOR MODULE	US	1999/4/16
6442437B1	09/338230	METHOD FOR STEP MOTOR CONTROL	US	1999/6/22
6445421B1	09/418039	METHOD AND APPARATUS FOR DISPLAYING THE SUBTITLE OF MULTIPLE LANGUAGE BETWEEN HUMAN-MACHINE INTERFACE	US	1999/10/14
6449397B1	09/285710	IMAGE PROCESSING SYSTEM FOR SCANNING A RECTANGULAR DOCUMENT	US	1999/4/5
6450475B1	09/750155	PLATFORM ADJUSTMENT DEVICE FOR SCANNER	US	2000/12/29
6453080B1	09/418767	METHOD FOR REAL-TIME AUTO-CROOPING A SCANNED IMAGE	US	1999/10/15
6456327B1	09/054991	MULTI-LENSES OPTICAL DEVICE	US	1998/4/3
6456742B1	09/293339	METHOD FOR IMAGE PROCESSING	US	1999/4/16
6473527B1	09/324095	MODULE AND METHOD FOR INTRFACING ANALOG/DIGITAL CONVERTING MEANS AND JPEG COMPRESSION MEANS	US	1999/6/1
6486397B2	09/778083	APPARATUS FOR RETRIEVING UNIVERSAL SERIAL BUS CABLE	US	2001/2/7
6486977B1	09/240852	SCANNER WITH A BUILT-IN MICROCONTROLLER	US	1999/2/1
6486978B1	09/383817	IMAGE-SCANNING MODULE FOR DOWNSIZING IMAGE-SCANNING DEVICES	US	1999/8/26

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6494374B1	09/693871	SCANNER WHICH CAN SCAN TRANSPARENT AND REFLECTIVE DOCUMENTS WITH ONLY ONE LIGHT SOURCE	US	2000/10/23
6516101B1	08/948092	IMAGE SCANNING DEVICE HAVING IMAGE DATA CORRECTION FUNCTION	US	1997/10/9
6529292B1	09/432551	APPARATUS AND METHOD FOR LOCATING AN OPTICAL MODULE OF AN IMAGE-SCANNING SYSTEM	US	1999/11/3
6556721B1	09/479306	METHOD AND APPARATUS FOR AUTOMATICALLY CROPPING IMAGES AS MULTIPLE RECTANGLES OR REGIONS OF DOCUMENTS	US	2000/1/7
6557762B1	09/588023	METHOD FOR DETERMINING SCAN LINE MISALIGNMENTS	US	2000/6/6
6563611B1	09/311601	A DOUBLE SIDE SCANNER MODULE	US	1999/5/13
6578845B1	09/828186	AUTOMATIC DOCUMENT FEEDING APPARATUS HAVING SEPARATION MECHANISM	US	2001/4/9
6590590B1	09/588524	SYSTEM AND METHOD FOR UPDATING A GRAPHIC REPRESENTATION OF A WINDOW ITEM USING AN IMAGE INFORMATION READING APPARATUS	US	2000/6/6
6597441B1	09/256581	APPARATUS AND METHOD FOR CALIBRATING REFLECTIVE LENS	US	1999/2/24
6603514B1	09/236555	A FOCUS CONTROLLING METHOD AND SYSTEM BY EVALUATING A RESOLUTION INDEX	US	1999/1/26
6606672B1	09/640014	SINGLE-CHIP-BASED ELECTRONIC APPLIANCE USING A DATA BUS FOR READING AND WRITING DATA CONCURRENTLY	US	2000/8/17
6608706B1	09/352746	SCANNING METHOD FOR PERFORMING A LOW RESOLUTION SCAN BY USING A HIGH RESOLUTION SCANNING MODULE	US	1999/7/14
6611292B1	09/236554	A FOCUS CONTROLLING METHOD AND SYSTEM FOR AN IMAGE CAPTURING SYSTEM	US	1999/1/26

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6637897B2	10/233684	DEVICE FOR TRANSPARENT DOCUMENT IN A FLATBED SYSTEM	US	2002/9/4
6667763B1	09/311584	IMAGE-SENSOR EMULATING DEVICE	US	1999/5/14
6674549B1	09/247297	APPARATUS FOR CAPTURING IMAGE	US	1999/2/10
6678075B1	09/588642	SLIDE SECURING DEVICE FOR FLATBED SCANNING SYSTEM	US	2000/6/7
6707583B1	09/644423	IMAGE SCANNER USING LOW-PIXEL-DENSITY CCD TO ACHIEVE HIGH-PIXEL-DENSITY SCANNING QUALITY BY PIXEL-LEVEL SHIFT OF CCD	US	2000/8/23
6721072B1	09/661469	APPARATUS FOR SCANNING DOCUMENTS IN FRONT OF A DOCUMENT PLATE	US	2000/9/13
6728011B1	09/427981	METHOD OF ADJUSTING SCANNER MODULE AND DEVICE THEREOF	US	1999/10/26
6734998B2	09/740898	METHOD FOR DETERMINING SCAN LINE MISALIGNMENTS	US	2000/12/21
6747637B2	09/819750	IMAGE DATA PROCESSING SYSTEM	US	2001/3/29
6757023B2	09/901691	METHOD AND APPARATUS FOR DISPLAYING AND ADJUSTING SUBTITLES OF MULTIPLE LANGUAGE BETWEEN HUMAN- MACHINE INTERFACES	US	2001/7/11
6762864B2	09/785238	APPARATUS FOR HOLDING A CONTACT IMAGE SENSOR IN A SCANNING SYSTEM	US	2001/2/20
6771401B2	09/753812	LIGHT SOURCE MODULE ARRANGED IN AN IMAGE SCANNING DEVICE FOR SCANNING A TRANSPARENT OBJECT	US	2001/1/3
6809842B1	09/716232	APPARATUS FOR SCANNING DOCUMENT	US	2000/11/21
6816612B2	09/893449	A MULTI-MODE IMAGE PROCESSING METHOD AND A SYSTEM THEREOF	US	2001/6/29
6842269B2	09/826099	IMAGE READING DEVICE BY INTERFERING LIGHT PATH TO TRIGGER SCANNING PROCESS	US	2001/4/5
6850344B2	09/851972	TRANSPARENT SCANNING APPARATUS	US	2001/5/10
6856347B1	09/499949	PHOTIC IMAGE PROCESSING METHOD	US	2000/2/8

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6879412B1	09/635223	METHOD FOR OPTIMIZING THE BEST RESOLUTION OF AN OPTICAL SCANNING SYSTEM AND APPARATUS FOR THE SAME	US	2000/8/10
6907602B2	10/657114	RENEWING AN FIRMWARE OF COMPUTER SYSTEM	US	2000/8/10
6920285B1	10/751459	FLASH DEVICE	US	2004/1/6
n/a	09/860644	COMMAND CONVERSION INTERFACE BETWEEN IMAGE PROVIDER AND IMAGE REQUESTOR	US	2001/5/21
	08/901943	Scanner Transperence Apparatus	US	1997/7/29
	09/240596	FAST TRANSMISSION OF AN IMAGE DATA	US	1999/2/1
	09/825849	Method for Controlling Scanner	US	2001/4/5
	09/276257	CONTACT IMAGE SENSOR MODULE HAVING ELASTIC SLEEVES	US	1999/3/25
	10/431603	AUTOMATIC COOLING MECHANISM FOR ELECTRICAL DEVICE	US	2003/5/28
	10/015570	Scanning Device Capable of Conducting Black Calibration With Fixed Mask	US	2001/12/17
	09/408161	METHOD FOR AUTO-CROPPING A SCANNED IMAGE	US	1999/9/28
	09/735494	METHOD FOR A REAL TIME AUDIO ASSISTED	US	2000/12/14
	09/962099	Image Reading Device Activated by Light Interference	US	2001/9/26
	10/024492	METHOD AND APPARATUS FOR FAST IMAGE FETCH AND PROCESSING	US	2001/12/21
	09/884925	Multimedia Data File Producer Combining Image And Sound Information Together in Data File	US	2001/6/21
	10/024492	Facsimile System Capable of Conducting Scan and Facsimile Directly	US	2001/12/21
	09/828856	NETWORK SERVER FOR PROVIDING SCANNING FUNCTIONALITY TO A COMPUTER	US	2001/4/10
	09/729830	SYSTEM AND METHOD FOR SCANNER EXECUTING SCANNING	US	2000/12/6

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	10/876765	Driving and Information Retrieving Module Capable of Retrieving Information Over Communication Network and Method of The Same	US	2004/6/28
	10/015651	WIRELESS TRANSMISSION CONTROLLER FOR IMAGE SCANNER AND PROCESS FOR WIRELESSLY COMMUNICATING WITH IMAGE SCANNER	US	2002/12/12
	10/053677	Method for automatically integrating digital data	US	2002/1/24
	09/972870	Digital Video/Audio Broadcast Device	US	2001/10/10
	10/015652	Microscope with Digital Camera	US	2001/12/17
	10/015569	Apparatus Having a Light Source for a Transparent Sheet of a Scanner	US	2001/12/17
	10/072887		US	2002/2/12
	10/886582	SCANNING DEVICE BY CURVILINEAL MOTION	US	2004/7/9
	10/736559	SCANNING DEVICE	US	2003/12/17
	10/765060	DIGITAL PICTURE FRAME WITH PICTURE ACQUISITION	US	2004/1/28
	10/886563	EPICYCLIC SCANNING DEVICE	US	2004/7/9
	10/765061	METHOD OF IMAGE DITHERING PROCESS FOR DETECTING PHOTO AND CHARACTER AUTOMATICALLY	US	2004/1/28
	10/746656	APPARATUS FOR DRIVING OPTICAL HEAD	US	2003/12/29
	10/840225	APPARATUS FOR RETRIEVING DATA FROM DETACHABLE OPTICAL DRIVER	US	2004/5/7
	10/838360	OPENING STRUCTURE OF IMAGE DEVICE	US	2004/5/5
	29/203267	Digital still camera	US	2004/4/13
	29/203266	Digital still camera	US	2004/4/22
072036	88306775	SCANNER	TW	1999/10/18
074118	89303408	DIGITAL CAMERA	TW	2000/5/20
074204	89303403	SCANNER	TW	2000/5/20
074273	89303404	DIGITAL CAMER	TW	2000/5/20
074616	89303405	DIGITAL CAMER	TW	2000/5/20
075747	89307270	VIDEO CAMCORDER	TW	2000/10/30
075770	88306777	SCANNER	TW	1999/10/18

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076667	89307269	SCANNER	TW	2000/10/30
077615	90300308	DIGITAL VIDEO CD-ROM	TW	2001/1/15
078540	90302070	DIGITAL RECORDER	TW	2001/4/3
080026	89304544	SCANNER	TW	2000/7/5
080339	90304889	DIGITAL CAMERA	TW	2001/7/25
080450	90300309	DIGITAL VIDEO CD-ROM	TW	2001/1/15
080690	85104102	MULTI-POWER CONTROL SYSTEM FOR SCANNERS	TW	1996/4/9
080771	90305296	DIGITAL MULTIMEDIA DEVICE	TW	2001/8/14
080848	90305130	DIGITAL CAMERA	TW	2001/8/6
081262	89307268	SCANNER	TW	2000/10/30
084772	90304890	CD-ROM	TW	2001/7/25
085074	91303992	DIGITAL VIDEO CAMCORDER	TW	2002/7/26
086536	91306846	SCANNER	TW	2001/1/16
087513	91305394	CD-ROM	TW	2001/7/25
087570	91305393	CD-ROM	TW	2001/7/25
089533	92303102	CD-ROM	TW	2001/8/6
089690	86103318	ALLIGNMENT PATTERN AND ALLIGN METHODE FOR A SCANNER SYSTEM	TW	1997/3/17
092422	85109856	AUTOMATIC IMAGE MERGE FOR HANDY SCANNER	TW	1996/8/14
092476	86110566	APPARATUS AND METHOD OF DETECTING A SCANNING RANGE WHEN APPLYING ASSISTANT FRAMES FOR FLATBED SCANNERS	TW	1997/7/24
096636	86113269	DETERMINATION OF SCAN START POINT FOR IMAGE SCANNER	TW	1997/9/12
097714	86106763	APPARATUS & METHOD FOR AUTOMATICALLY STARTING AN IMAGE PICKUP APPARATUS	TW	1997/5/20
097818	86114884	PERIPHEL CONTROL SYSTEM	TW	1997/10/9
100492	86100698	METHOD & APPARATUS FOR COMPENSATING SCANNING IMAGE SIZE	TW	1997/1/22
100628	86103319	APPARATUS AND METHOD FOR REPAIRING SCANNED IMAGES	TW	1997/3/17
100641	86112859	APPARATUS & MEHTOD OF SCAN COMPOSING	TW	1997/9/5

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101097	86115645	METHOD OF ALIGNMENT OF ALIGNMENT FOR MULTI-CCD & THE APPARATUS OF THE SAME	TW	1997/10/22
102934	86116505	METHOD OF ALIGNMENT FOR CCD AND THE APPARATUS OF THE SAME	TW	1997/11/5
102996	86112338	DEVICE AND METHOD FOR IMPROVING SCANNING QUALITY OF IMAGE SCANNER	TW	1997/8/27
103300	86106579	METHOD FOR DRIVING A SCANNING SYSTEM WITH A REFERENCE PATTERN	TW	1997/5/16
104541	85103776	METHODE AND APPARATUS FOR CALIBRATING IMAGE SYSTEM	TW	1996/9/11
106039	87108289	METHOD FOR DETECTING IRREGULAR LINES ON IMAGES GENERATED BY AN OPTICAL SCANNER	TW	1998/5/28
107444	87108508	AUTOMATIC GAIN CONTROL DEVICE OF AN LCD PROJECTOR FOR CONVERTING ANALOG COLOR SIGNALS	TW	1998/6/1
107898	87115221	APPARATUS AND METHOD FOR CALIBRATING REFLECTIVE LENS	TW	1998/9/11
108532	86117611	DISTINGUISHING METHOD FOR OBJECT SCANNED BY SCANNING DEVICE	TW	1997/11/24
108667	87109212	METHOD FOR DETECTING THE OCCURRENCE OF MISSING LINES ON IMAGES GENERATED BY AN OPTICAL SCANNER	TW	1998/6/10
108877	86107554	IMAGE SCANNING DEVICE HAVING IMAGE DATA CORRECTION FUNCTION	TW	1997/6/2
109306	84210908	PEN-SHAPED SCANNER	TW	1995/8/1
109383	87112605	DEVICE AND METHOD FOR CALIBRATING STANDARD BLACK AND WHITE LEVELS OF A SCANNER	TW	1998/7/31
109384	87112606	METHOD FOR ADJUSTING RESOLUTION OF A SCANNING MODULE	TW	1998/7/31
109457	87113758	METHOD FOR LOCATING A STARTING PIXEL IN IMAGE SENSOR OF A SCANNER	TW	1998/8/21
109632	84210326	SCANNING OPTICAL SET	TW	1995/7/21

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110133	87111089	CONTROL METHOD FOR POSITIONING MULTIPLE LENS OF SCANNR	TW	1998/7/9
110137	87112909	DEVICE AND METHOD OF CORRECTING DARK LINES OF A SCANNED IMAGE	TW	1998/8/5
111246	87118370	APPARATUS AND METHOD FOR LOCATING AN OPTICAL MODULE OF AN IMAGE-SCANNING SYSTEM	TW	1998/11/4
111918	86114973	INTERGRATED SCANNING SYSTEM	TW	1997/10/13
112862	87109214	METHOD AND APPARATUS FOR AUTOMATCI IMAGE CALIBRATION FOR AN OPTICAL SCANNER	TW	1998/6/10
113102	87107862	METHOD AND APPARATUS FOR OBTAINING MAGNIFICATION ERROR FOR IMAGE SCANNING APPARATUS	TW	1998/5/20
113405	87118572	SCANNER PHOTOELECTRIC MODULE WITH ADJUSTING LENS AND CHARGE-COUPLING DEVICE	TW	1998/11/7
114607	86107110	APPARATUS AND METHOD FOR DETECTING SCANNING BOUNDARY	TW	1997/5/26
114778	84210327	COMPENSATION METHOD AND APPARATUS FOR IMAGE SIGNALS GENERATED BY CCD	TW	1995/7/21
114841	87107861	METHOD AND APPARATUS FOR OBTAINING RELATIVE AND ABSOLUTE MODIFYING FACTORS FOR IMAGE SCANNING APPARATUS	TW	1998/5/20
115892	87118636	METHOD OF ADJUSTING SCANNER MODULE AND DEVICE THEREOF	TW	1998/11/9
116091	87120902	NETWORK PERIPHERAL SHARING SYSTEM	TW	1998/12/16
117031	87108286	APPARATUS AND METHOD FOR INCREASING THE SCAN ACCURACY AND QUALITY OF THE FLATBED SCANNER BY USING CLOSE LOOP CONTROL	TW	1998/5/28
117330	87107497	CONTROL LOGIC FOR ATAPI INTERFACE	TW	1998/5/14
117959	88100125	A FOCUS CONTROLLING METHOD AND SYSTEM FOR AN IMAGE CAPTURING SYSTEM	TW	1999/1/6

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118029	83213562	FIXING STRUCTURE FOR EXTERNAL BATTERY ASSEMBLY	TW	1994/9/16
118450	85205166	REFLECTIVE SCANNER WITH A PENETRATIVE SCANNING FUNCTION	TW	1996/4/11
119808	87108507	COMPUTER SYSTEM USING A DATA BUS FOR READING AND WRITING DATA CONCURRENTLY	TW	1998/6/1
120591	87103782	ILLUMINANCE CONTROL FOR KIGHT SOURCE OF SCANNER	TW	1998/3/13
120816	88100126	A FOCUS CONTROLLING METHOD AND SYSTEM BY EVALUATING A RESOLUTION INDEX	TW	1999/1/6
121333	86118479	APPARATUS OF ALIGNMENT FOR SCANNER AND A METHOD OF THE SAME	TW	1997/12/8
122213	87118507	PROCESS FOR DETECTING AND ADJUSTING THE SYNCHRONIZATION OF VIDEO SIGNAL FOR DISPLAYING	TW	1998/11/6
123520	87107864	METHOD FOR GENERATING DIVERSIFIED IMAGE FRAME	TW	1998/5/20
123770	85208113	CONVERTER FOR CONVERTING A REFLECTION TYPE SCANNER TO A TRANSPRANCE TYPE SCANNER	TW	1996/5/30
124819	86104341	APPARATUS & METHOD FOR AUTOMATICALLY DETECTING PRESENCE OF A SCANNED DOCUMENT	TW	1997/4/3
125158	87102746	QUICK WARM-UP FOR LIGHT SOURCE OF SCANNER	TW	1998/2/25
126130	88105228	METHOD FOR INCREASING BIT NUMBER OF DIGJTAL IMAGE SIGNALS GENERATED BY A SCANNER	TW	1999/4/1
126333	88108157	MODULE AND METHOD FOR INTRFACING ANALOG/DIGITAL CONVERTING MEANS AND JPEG COMPRESSION MEANS	TW	1999/5/19
127513	85106477	FULL IMAGE OPTICAL SCANNER	TW	1996/5/31
127943	88116453	METHOD FOR AUTO-CROPPING A SCANNED IMAGE	TW	1999/9/23
128025	88104515	METHOD FOR IMAGE PROCESSING	TW	1999/3/22

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128479	85104871	IMAGE IMFORMATION READING APPARATUS WITH AN INTERNAL DOCUMENT TRAY	TW	1996/4/24
129816	85213961	DOCUMENT TRAY-DRIVEN APPARATUS FOR PHOTO DRIVE	TW	1996/9/10
130832	86200499	FLAT-PLATE SCANNER WITH TWO LAMPS	TW	1997/1/13
132220	86206260	APPARATUS FOR SHEET FEED-OUT CONTROL ON AN AUTOMATIC SHEET FEEDER	TW	1996/4/12
132699	86117908	BATCHING SCANNING METHOD OF AN IMAGE SCANNER	TW	1997/11/28
132816	86210970	MULTI-LENSES OPTICAL DEVICE	TW	1997/7/2
134075	88122158	METHOD FOR A REAL TIME AUDIO ASSISTED	TW	1999/12/16
134253	86211499	AUTO COVER OPENING DEVICE FOR SCANNER	TW	1997/5/23
135260	88110262	METHOD FOR STEP MOTOR CONTROL	TW	1999/6/17
135599	88107083	APPARATUS AND METHOD FOR PROVIDING COMPENSATION BITS FOR POST IMAGE PROCESSING	TW	1999/4/30
136782	86205875	SHEET-FED TYPE SCANNER WITH DOCUMENT	TW	1997/4/18
137096	85205010	OPTICAL DEVICE HAVING MULTILENSES	TW	1996/4/8
137718	86211930	CASSETTE SCANNING APPARATUS	TW	1997/7/16
139456	86205874	WINDOW MANAGEMENT OF A SCANNING MACHINE	TW	1997/4/18
140023	86213084	OPTICAL DEVICE WITH OPTIONAL RESOLUTIONS	TW	1997/8/1
140026	86213352	DOCUMENT TRAY OF OPTICAL SCANNER	TW	1997/8/7
140032	86213600	MULTI-LENSES OPTICAL DEVICE	TW	1997/8/11
140412	86208462	MULTI-LENSE HIGH RESOLUTION OPTICAL DEVICE	TW	1997/5/23
140936	86213375	IMAGE SCANNER WITH A FUNCTION OF INITIATING SCANNING AUTOMATICALLY	TW	1997/8/7
141013	86217891	APPARATUS FOR SCANNING	TW	1997/10/22
141038	88100860	FAST TRANSMISSION OF AN IMAGE DATA	TW	1999/1/20

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141284	88119662	SCANNING DEVICE CAPABLE OF CONDUCTING BLACK CALIBRATION WITH FIXED MASK	TW	1999/11/10
141546	88100858	APPARATUS FOR CAPTURING IMAGE	TW	1999/1/20
142089	86203157	SCANNER TRANSPERENCE APPARATUS	TW	1997/2/27
142178	88108237	LIQUID CRYSTAL DISPLAY PROJECTOR WITH A LIQUID CRYSTAL MODULE CAPABLE OF PREVENTING THERMAL SHIMMERING	TW	1999/5/20
142464	86203527	A CIS INFORMATION READING APPARATUS	TW	1997/3/7
143606	86203749	A CIS INFORMATION READING APPARATUS HAVING A UNIVERSAL CIS CARRIAGE	TW	1997/3/11
143639	86216591	DEVICE FOR EQUALIZING LIGHT STRENGTH OF LIGHT SOURCE	TW	1997/9/30
144012	86205584	IMAGE SCANNER HAVING SCAN-MONITORING FUNCTION	TW	1997/4/10
145102	86114969	PARALLEL PORT FOR CONNCETING MULTIPLE DEVICES AND THE METHOD FOR CONTROLLING THE SAME	TW	1997/10/13
145207	89104864	SYSTEM AND METHOD FOR UPDATING A GRAPHIC REPRESENTATION OF A WINDOW ITEM USING AN IMAGE INFORMATION READING APPARATUS	TW	2000/3/15
146966	86219122	METHOD OF DRIVING A CASSETTE SCANNING SYSTEM	TW	1997/6/12
147423	88117526	METHOD FOR REAL-TIME AUTO-CROOPING A SCANNED IMAGE	TW	1999/10/11
147637	89102748	METHOD FOR DETERMINING SCAN LINE MISALIGNMENTS	TW	2000/2/18
147934	88121524	METHOD AND APPARATUS FOR AUTOMATICALLY CROPPING IMAGES AS MULTIPLE RECTANGLES OR REGIONS OF DOCUMENTS	TW	1999/12/7
147943	86209652	OPTICAL SCANNER	TW	1997/6/13
148376	86211498	HIDDEN DOCUMENT-COVERING DEVICE FOR SCANNER	TW	1997/7/11
148636	87203813	CCFL POWER CONTROL	TW	1998/3/16

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		DEVICE		
148751	86207982	BUILD-IN SCANNERS WITH LONG LAMPS	TW	1997/5/16
149473	87208800	TEST CHART FOR DETERMINING THE IMAGE QUALITY OF AN OPTICAL SCANNER	TW	1998/6/4
149970	86220304	DATA-STORING DEVICE USED WITH DIGITAL CAMERA	TW	1997/12/5
151401	84211009	SCANNER APPARATUS INCLUDING A LIGHT ADJUSTING DEVICE	TW	1995/8/3
151801	87208226	CCD SHIFT-ALIGNMENT DEVICE FOR OPTICAL SCANNER	TW	1998/5/27
151956	86207579	SHEET JAMMING-PROOF MECHANIS, FOR PAPER-FEEDING SYSTEM	TW	1997/5/10
152272	87112604	DEVICE AND METHOD FOR DETERMINING RESOLUTION OF A MULTIPLE RESOLUTION SCANNER	TW	1998/7/31
152379	87203535	PALM-SIZE TOUCHABLE VIDEO IMAGE SCANNING DEVICE	TW	1998/3/10
152438	84212695	DESKTOP SCANNING DEVICE	TW	1995/9/1
152690	87208337	A SCANNING SYSTEM WITH RETRACTABLE IMAGE CAPTURING DEVICE	TW	1998/5/28
153248	86200819	SCANNER CAPABLE OF SCANNING PENETRATIVE DOCUMENT AND REFLECTIVE DOCUMENT WITH SINGLE LAMP	TW	1997/1/17
153284	87208225	CCD SELF-ALIGNMENT DEVICE FOR OPTICAL SCANNER	TW	1998/5/27
153311	87213620	FIXING STRUCTURE FOR SCANNING MODULE OF SCANNER	TW	1998/8/19
153549	89122054	SCANNER THAT CONTROLS STEOOING MOTOR TORQUE	TW	2000/10/20
153589	87204949	FLATBED SCANNERS WITH SINGLE DYNAMIC SOURCE	TW	1998/4/2
153719	86218960	SCANNER WITH A GROOVE IN ITS SCANNING SURFACE REDUCING STICKING EFFECT	TW	1997/11/11
153724	87200126	MULTIPLE-RESOLUTION OPTICAL DEVICE	TW	1998/1/5
154011	86208303	LENS HOLDER FOR A SCANNER SYSTEM	TW	1997/5/20

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154137	86209621	MULTI-RESOLUTION SCANNERS	TW	1997/6/12
154656	89122516	METHOD AND APPARATUS FOR FAST IMAGE FETCH AND PROCESSING	TW	2000/10/26
154808	87206495	MIRROR CLAMP STRUCTURE	TW	1998/4/24
154959	87218172	METHOD FOR CALIBRATING A LIGHT TRAVELING DISTANCE IN A SCANNING MODULE	TW	1998/11/2
154960	87218173	OPTICAL SCANNING MODULE WITH ADJUSTABLE OPTICAL PATH	TW	1998/11/2
155354	89122197	POSITION-RETAINING METHOD AND SYSTEM FOR A SCANNING SYSTEM CAPABLE OF COPY AND FACSIMILE	TW	2000/10/20
155428	88204008	CONTACT IMAGE SENSOR MODULE HAVING ELASTIC SLEEVES	TW	1999/3/17
156076	88201724	SCANNER MODULE WITH ADJUSTABLE MAGNIFICATION RATIO	TW	1999/2/2
156512	89112552	METHOD FOR OPTIMIZING THE BEST RESOLUTION OF AN OPTICAL SCANNING SYSTEM & APPARATUS FOR THE SAME	TW	2000/6/26
156781	86114454	METHOD OF AUTO-CROPPING IMAGES FOR SCANNERS	TW	1997/10/3
156829	86205515	A CIS INFORMATION READING APPARATUS HAVING AN IMPROVED CONVEYING DEVICE	TW	1997/4/9
157224	86216757	BUILT-IN SCANNER	TW	1997/10/3
157416	87218174	AN OPTICAL SCANNER WITH A DISTANCE ADJUSTING DEVICE	TW	1998/11/2
157484	86203306	SCANNER DRIVING APPARATUS	TW	1997/3/4
158458	87220719	IMAGE-SENSOR EMULATING DEVICE	TW	1998/12/11
158459	87220718	IMAGE-SENSOR EMULATING DEVICE	TW	1998/12/11
158920	87211173	AN ILLUMINANT DEVICE	TW	1998/7/10
160131	87118738	IMAGE PROCESSING SYSTEM FOR SCANNING A RECTANGULAR DOCUMENT	TW	1998/11/11
160504	87220309	LOCKING MECHANISM	TW	1998/12/4
161670	87108783	METHOD FOR AUTOMATIC SCANNING	TW	1998/6/4
161670	88216261	METHOD FOR AUTOMATIC	TW	1998/6/4

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		SCANNING		
162295	87208227	CCD ROTARY-ALIGNMENT DEVICE FOR OPTICAL SCANNER	TW	1998/5/27
162311	85214191	OPTICAL COMPENSATING FILTER DEVICE	TW	1996/9/13
162312	85214192	OPTICAL ROLLING FILTER DEVICE	TW	1996/9/13
162944	90110455	COMMAND CONVERSION INTERFACE BETWEEN IMAGE PROVIDER AND IMAGE REQUESTOR	TW	2001/5/2
163483	89125266	SYSTEM AND METHOD FOR SCANNER EXECUTING SCANNING	TW	2000/11/29
164586	90111909	A MULTI-MODE IMAGE PROCESSING METHOD AND A SYSTEM THEREOF	TW	2001/5/18
165183	88205667	MODULARIZED CARRIAGE HAVING SHOCK ABSORBER STRUTS FOR A CONTACT IMAGE SENSOR MODULE	TW	1999/4/13
165436	87219422A01	COVER ASSEMBLY FOR AN IMAGE PROCESSING SYSTEM	TW	1999/2/9
165436	87219422	COVER ASSEMBLY FOR AN IMAGE PROCESSING SYSTEM	TW	1998/11/23
165751	88211207	MECHANICAL PUSH BUTTON LOCK	TW	1999/7/6
166093	87212858	SHOCK ABSORBING STRUCTURE	TW	1998/8/5
166780	87211912	COVER HINGE STRUCTURE	TW	1998/7/21
166924	88211208	HINGE	TW	1999/7/6
167067	87107863	AN IMAGE SCANNING METHOD APPLIED TO AN IMAGE SCANNING DEVICE	TW	1998/5/20
168190	86205618	IMAGE SCANNER WITH AUTOMATIC MOVING FUNCTION	TW	1997/4/11
168283	86212216	BUILD-IN SCANNER BY USING SINGLE LIGHT SOURCE	TW	1997/7/21
168322	88204326	CONTACT IMAGE SENSOR MODULE HAVING SPRING MOUNTINGS	TW	1999/3/22
168528	88209369	WIDE IMAGES SCANNER	TW	1999/6/8
168838	88207414	A DOUBLE SIDE SCANNER MODULE	TW	1999/5/10
169271	88207337	A DOUBLE SIDE SCANNER MODULE	TW	1999/5/7

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170329	90113758	WIRELESS TRANSMISSION CONTROLLER FOR IMAGE SCANNER AND PROCESS FOR WIRELESSLY COMMUNICATING WITH IMAGE SCANNER	TW	2001/6/7
172165	86211741	KEYBOARD SCANNER	TW	1997/7/14
173159	87218175	SCANNING MODULE WITH TWO OPPOSITELY MOVABLE LENSES FOR CHANGING SCAN RESOLUTION	TW	1998/11/2
173882	86200494	FLAT-PLATE SCANNER WITH ONE LAMP	TW	1997/1/13
174140	87204149	COMPENSATING DEVICE FOR IMPROVING THE SCANNING LUMINANCE IN A SCANNER	TW	1998/3/21
174796	89117914	IMAGE DATA PROCESSING SYSTEM	TW	2000/9/1
175121	85207888	SCANNER FOR VIDEO DISPLAY SYSTEM INTERFACE MODULE	TW	1995/2/20
176496	86205798	A CIS INFORMATION READING APPARATUS HAVING ROLLING ELEMENTS INTERPOSED BETWEEN A CIS MODULE AND A SHEET TABLE	TW	1997/4/14
176974	88217647	SCANNING STATUS INDICATING DEVICE FOR AUTOMATIC DOCUMENT FEEDER	TW	1999/10/18
176975	88217648	AUTOMATIC COOLING MECHANISM FOR ELECTRICAL DEVICE	TW	1999/10/18
178855	88217645	AUTO DOCUMENT FEEDING DEVICE WITH IMPROVED FEEDING ROLLER FLEXIBLE STRUCTURE	TW	1999/10/18
179577	86220160	COMPENSATING DEVICE FOR IMPROVING THE SCANNING LUMINANCE IN A SCANNER	TW	1997/12/3
180056	88214698	FOCUSED LIGHT SOURCE OF A SCANNER	TW	1999/8/27
180267	89108659	METHOD FOR INCREASING DEPTH OF SCANNING FIELD OF A SCANNING DEVICE	TW	2000/5/5
180839	87207679	SCANNER WITH A BUILT-IN MICROCONTROLLER	TW	1998/5/18
181828	88213415	AUTOMATIC DOCUMENT FEEDER WITH IMPROVED FEEDING PATH	TW	1999/8/9

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182358	86205739	ANTI-STATIC SIGNAL WIRING CONNECTOR	TW	1997/4/14
183580	89208503	IMAGE SCANNER USING LOW-PIXEL-DENSITY CCD TO ACHIEVE HIGH-PIXEL-DENSITY SCANNING QUALITY BY PIXEL-LEVEL SHIFT OF CCD	TW	2000/5/19
184309	90129910	METHOD FOR AUTO-SEARCHING SCANNED DOCUMENT IN SCANNING WINDOW	TW	2001/12/4
184563	89208652	APPARATUS FOR SCANNING DOCUMENTS IN FRONT OF A DOCUMENT PLATE	TW	2000/5/22
185464	89211590	LIGHT SOURCE MODULE INCLUDING A LIGHT GUIDE ARRANGED IN AN IMAGE SCANNING DEVICE FOR SCANNING A TRANSPARENT OBJECT	TW	2000/7/5
185493	89211591	LIGHT SOURCE MODULE ARRANGED IN AN IMAGE SCANNING DEVICE FOR SCANNING A TRANSPARENT OBJECT	TW	2000/7/5
185600	89216779	APPARATUS FOR RECEIVING UNIVERSAL SERIAL BUS CABLE	TW	2000/9/28
186841	89208502	IMAGE SCANNER HAVING DRIVING MECHANISM TO SYNCHRONIZE MOVEMENT OF TRANSMISSION-MODE LIGHT SOURCE AND IMAGE PICKUP DEVICE	TW	2000/5/19
186939	89220155	SCANNER WHICH CAN SCAN TRANSPARENT AND REFLECTIVE DOCUMENTS WITH ONLY ONE LIGHT SOURCE	TW	2000/6/9
186982	89209861	SCANNER FOR SCANNING TRANSPARENT AND REFLECTIVE DOCUMENTS	TW	2000/6/9
187481	89213522	PLATFORM ADJUSTMENT DEVICE FOR SCANNER	TW	2000/8/4
187654	89215295	APPARATUS FOR HOLDING A CONTACT IMAGE SENSOR IN A SCANNING SYSTEM	TW	2000/9/4
187655	89215296	APPARATUS FOR SCANNING DOCUMENT	TW	2000/9/4
188527	89217083	TRANSPARENT SCANNING APPARATUS	TW	2000/10/2

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188615	89218772	IMAGE READING DEVICE ACTIVATED BY LIGHT INTERFERENCE	TW	2000/10/30
190452	90202385	MULTIMEDIA DATA FILE PRODUCER COMBINING IMAGE AND SOUND INFORMATION TOGETHER IN DATA FILE	TW	2001/2/19
190498	89207498	DEVICE FOR TRANSPARENT DOCUMENT IN A FLATBED SYSTEM	TW	2000/5/5
190508	89220499	AUTOMATIC DOCUMENT FEEDING APPARATUS HAVING SEPARATION MECHANISM	TW	2000/11/27
192374	89219053	IMAGE CAPTURING APPRATUS EQUIPPED WITH SCANNING DOCUMENT FUNCTION	TW	2000/11/2
193214	89219028	IMAGE READING DEVICE BY INTERFERING LIGHT PATH TO TRIGGER SCANNING PROCESS	TW	2000/11/2
195701	87211010	LENS FISER DEVICE FOR SCANNER	TW	1998/7/9
196306	88221467	REAL TIME AUDIO ASSISTED INSTRUCTIONAL DEVICE	TW	1999/12/16
198400	91118487	METHOD FOR CONTROLLING SCANNER	TW	2002/8/16
201934	90213439	MICROSCOPE WITH DIGITAL CAMERA	TW	2001/8/8
203752	90113879	NETWORK SERVER FOR PROVIDING SCANNING FUNCTIONALITY TO A COMPUTER	TW	2001/6/7
208622	87221045	COVER ASSEMBLY FOR AN IMAGE PROCESSING SYSTEM	TW	1998/12/17
215820	90219951	APPARATUS HAVING A LIGHT SOURCE FOR A TRANSPARENT SHEET OF A SCANNER	TW	2001/11/19
219108	92208875	SCANNING DEVICE	TW	2003/5/15
221971	092210974	EPICYCLIC SCANNING DEVICE	TW	2003/6/17
223790	092210973	SCANNING DEVICE BY CURVILINEAL MOTION	TW	2003/6/17
allowed	093306506	DIGITAL VIDEO CAMCORDER	TW	2004/11/3
D100045	92303100	VIDEO/AUDIO CD-ROM DEVICE	TW	2001/7/25
D100826	092307069	DIGITAL CAMCORDER	TW	2003/11/21
I221385	90113266	CCD SCANNER POWERED BY A SERIAL BUS	TW	2001/5/31
I236285	093105629	OPENING STRUCTURE OF IMAGE DEVICE	TW	2004/3/3

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I236572	093118219	FOCUSING STRUCTURE OF VIDEO DEVICE	TW	2004/6/24
M240056	092208876	TRANSPORT MECHANISM	TW	2003/5/15
M247859	092220351	APPARATUS FOR RELEASING FLASH DEVICE AUTOMATICALLY	TW	2003/11/18
M247860	092220350	APPARATUS FOR RELEASING FLASH DEVICE AUTOMATICALLY	TW	2003/11/18
M249046	092220349	FLASH DEVICE	TW	2003/11/18
M253203	093202619	TWIN-ROTATING SHAFT	TW	2004/2/24
M253884	093203514	APPARATUS FOR RETRIEVING DATA FROM DETACHABLE OPTICAL DRIVER	TW	2004/3/9
M253885	093203515	APPARATUS FOR RETRIEVING MEDIA INFORMATION FROM STACKABLE MODULE	TW	2004/3/9
M260755	093212550	VIDEO DEVICE STAND WITH STORING FUNCTION	TW	2004/8/6
	88117947		TW	1999/10/18
	86113269A01	DEVICE FOE QUICK AND PRECISE DETERMINATION OF SCAN START POINT FOR IMAGE SCANNER	TW	1997/5/20
	86113269A02	DEVICE USED IN IMAGE SCANNER FOR QUICKLY AND PRECISELY DETERMINING SCAN START POINT AND IMPROVING SCANNING QUALITY	TW	1998/5/20
	88117947A01	METHOD AND APPARATUS FOR DISPLAYING AND ADJUSTING SUBTITLES OF MULTIPLE LANGUAGE BETWEEN HUMAN-MACHINE INTERFACES	TW	2001/6/8
	89211568	RENEWING AN FIRMWARE OF COMPUTER SYSTEM	TW	2000/7/5
	89304544U01	SCANNER	TW	2000/8/29
	90113759	ETHOD FOR AUTOMATICALLY INTEGRATING DIGITAL DATA	TW	2001/6/7
	90305131	SCANNER	TW	2001/8/6
	092122586	DIGITAL PICTURE FRAME WITH PICTURE ACQUISITION	TW	2003/8/18

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	092119536	METHOD OF IMAGE DITHERING PROCESS FOR DETECTING PHOTO AND CHARACTER AUTOMATICALLY	TW	2003/7/17
	093109043	PRODUCT DATA REORGANIZATION AND MAINTENANCE	TW	2003/4/1
	093115923	FIRMWARE STORAGE MEDIA AND THE METHOD THEREOF	TW	2004/6/3
	094129573	METHOD OF ELIMINATING DIGITAL IMAGE NET-LIKE PATTERN	TW	2005/8/30
	093114976	METHOD OF SETTING VALUE OF IMAGE OUTPUT SYSTEM USING MULTI-COLOR BUTTONS	TW	2004/5/26
	093301616	DIGITAL STILL CAMERA	TW	2004/3/22
	093119617	PATTERNIZING PRE-RECORDING ARRANGEMENT PROCESS	TW	2004/6/30
	093301617	DIGITAL STILL CAMERA	TW	2004/3/22
	093135210	APPARATUS AND METHOD OF RECORDING PLAY SPEED	TW	2004/11/17
	094125385	METHOD FOR CONTROLLING DVD RECORDING MACHINE	TW	2005/1/27
	093132926	APPARATUS AND METHOD OF AUTO DISPLYAING DATA IN CD	TW	2004/10/29
	094108204	SIMPLE OPERATING MODE FOR ERASING PROGRAMME	TW	2005/3/17
	094108200	SIMPLE OPERATING MODE FOR PROGRAMME SWAP	TW	2005/3/17
	094112674	APPARATUS AND METHOD OF DETECTING AND TRACING MOBILE OBJECT	TW	2005/4/21
	094111980	METHOD OF PLAYING POWER POINT FILE IN PORTABLE DEVICE	TW	2005/4/15
	094301474	DIGITAL CAMCORDER	TW	2005/3/17
3072559	10-339722	CONTROL LOGIC FOR ATAPI INTERFACE	JP	1998/11/30
19827893	19827893.4	COMPUTER SYSTEM USING A DATA BUS FOR READING AND WRITING DATA CONCURRENTLY	DE	1998/6/23
19831819	19831819.7	DIGITAL CAMERA WITH AN ADJUSTING DEVICE FOR ADJUSTING ITS LENS AND IRISES	DE	1998/7/15

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19942709	19942709.7-31	MODULE AND METHOD FOR INTRFACING ANALOG/DIGITAL CONVERTING MEANS AND JPEG COMPRESSION MEANS	DE	1999/9/7
29700295.5	29700295.3	PHOTIC IMAGE PROCESSING DEVICE	DE	1997/1/9
29702007.2	29702007.2	KEYBOARD SCANNER	DE	1997/2/15
29707009.6	29707009.6	TRANSMISSION MECHANISM FOR AN IMAGE INFORMATION READING APPARATUS	DE	1997/4/18
29709469.6	29709469.6	IMAGE SCANNER WITH AUTOMATIC MOVING FUNCTION	DE	1997/5/30
29715879.1	29715879.1	A CIS INFORMATION READING APPARATUS	DE	1997/9/4
29716958.0	29716958.0	IMAGE SCANNER HAVING SCAN-MONITORING FUNCTION	DE	1997/9/22
29718809.7	29718809.7	LENS HOLDER FOR A SCANNER SYSTEM	DE	1997/10/22
29811473.9	29811473.9	OPTICAL DEVICE WITH OPTIONAL RESOLUTION	DE	1998/6/26
29814338.0	29814338.0	SHOCK ABSORBING STRUCTURE	DE	1998/8/10
29814567.7	29814567.7	COVER HINGE STRUCTURE	DE	1998/8/13
29900318.3	29900318.3	MULTIPLE-RESOLUTION OPTICAL DEVICE	DE	1999/1/5
29908914.2	29908914.2	LOCKING MECHANISM	DE	1999/5/20
29912226.3	29912226.3	DATA-STORING DEVICE USED WITH DIGITAL CAMERA	DE	1999/7/13
40402185.9	40402185.9	DIGITAL STILL CAMERA	DE	2004/3/31
40402186.7	40402186.7	DIGITAL STILL CAMERA	DE	2004/3/31
allowed	19841682.2	DEVICE AND METHOD FOR IMPROVING SCANNING QUALITY OF IMAGE SCANNER	DE	1998/9/11
Nr.10043318	10043318.9	METHOD FOR REAL-TIME AUTO-CROOPING A SCANNED IMAGE	DE	2000/8/18
Nr.198 47 120	19847120.3	CONTROL LOGIC FOR ATAPI INTERFACE	DE	1998/10/13
	19752997.6	PERIPHEL CONTROL SYSTEM	DE	1997/11/28
	19825292.7	PARALLEL PORT FOR CONNCETING MULTIPLE DEVICES AND THE METHOD FOR CONTROLLING THE SAME	DE	1998/6/5
	10024800.4	METHOD FOR GENERATING DIVERSIFIED FRAME	DE	2000/5/19

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	09/164423	CONTROL METHOD FOR POSITIONING MULTIPLE LENS OF SCANNR	DE	1998/9/30
	10026704.1	IMAGE PROCESSING SYSTEM FOR SCANNING A RECTANGULAR DOCUMENT	DE	2000/5/30
	10023969.2	A DOUBLE SIDE SCANNER MODULE	DE	2000/5/16
	10028324.1	SCANNING METHOD FOR PERFORMING A LOW RESOLUTION SCAN BY A HIGH RESOLUTION SCANNING MODULE	DE	2000/6/7
	10027522.2	SCANNING STATUS INDICATING DEVICE FOR AUTOMATIC DOCUMENT FEEDER	DE	2000/6/2
	10026700.9	METHOD FOR AUTO-CROPPING A SCANNED IMAGE	DE	2000/5/30
	102004034825.1	OPENING STRUCTURE OF IMAGE DEVICE	DE	2004/7/19
68400	97110504.9	METHOD AND SYSTEM FOR AUTOMATIC IMAGE-PROPERTY IDENTIFICATION FOR AN OPTICAL SCANNER	CN	1997/4/7
68621	97204610.0	PHOTIC IMAGE PROCESSING DEVICE	CN	1997/4/14
70510	97123429.9	IMAGE SCANNER HAVING SCAN-MONITORING FUNCTION	CN	1997/12/30
75989	97123191.5	BUILD-IN SCANNERS WITH LONG LAMPS	CN	1997/11/24
77688	98103500.0	METHOD FOR DETECTING IRREGULAR LINES ON IMAGES GENERATED BY AN OPTICAL SCANNER	CN	1998/8/6
79855	97125474.5	IMAGE SCANNER WITH AUTOMATIC MOVING FUNCTION	CN	1997/12/11
86953	97122645.8	PERIPHERAL CONTROL SYSTEM	CN	1997/11/26
87867	97125465.6	APPARATUS AND METHOD FOR DETECTING SCANNING BOUNDARY	CN	1997/12/8
87870	97125475.3	METHOD FOR DRIVING A SCANNING SYSTEM WITH A REFERENCE PATTERN	CN	1997/12/11
89472	98120713.8	PAPER FEEDING MODULE OF A COLOR PICTURE PRINTER	CN	1998/9/23

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89852	98102816.0	METHOD AND APPARATUS FOR OBTAINING MAGNIFICATION ERROR FOR IMAGE SCANNING APPARATUS	CN	1998/7/6
94254	97122245.2	SCATTERING LIGHT ELIMINATING DEVICE	CN	1997/11/11
94300	97123431.0	METHOD FOR AUTOMATIC SCANNING	CN	1997/12/30
96026	97123084.6	APPARATUS & METHOD FOR AUTOMATICALLY STARTING AN IMAGE PICKUP APPARATUS	CN	1997/12/5
96086	97122250.9	METHOD OF DRIVING A CASSETTE SCANNING SYSTEM	CN	1997/11/11
97646	98120712.X	CARRIAGE	CN	1998/9/23
97673	97122902.3	APPARATUS & METHOD OF SCAN COMPOSING	CN	1997/11/24
99227	97122248.7	APPARATUS AND METHOD OF DETECTING A SCANNING RANGE WHEN APPLYING ASSISTANT FRAMES FOR FLATBED SCANNERS	CN	1997/11/11
104197	98117358.6	METHOD AND APPARATUS FOR AUTOMATCI IMAGE CALIBRATION FOR AN OPTICAL SCANNER	CN	1998/8/19
107427	97111472.2	APPARATUS & METHOD FOR AUTOMATICALLY DETECTING PRESENCE OF A SCANNED DOCUMENT	CN	1997/6/2
118335	97112908.8	METHODE AND APPARATUS FOR COMPENSATING ILLUMINANCE ERROR OF A LIGHT SOURCE	CN	1997/5/30
123954	98122713.9	IMAGE PROCESSING SYSTEM FOR SCANNING A RECTANGULAR DOCUMENT	CN	1998/11/26
124029	99101843.5	DEVICE AND METHOD FOR DETERMINING RESOLUTION OF A MULTIPLE RESOLUTION SCANNER	CN	1999/2/2
125992	00109285.5	METHOD FOR REAL-TIME AUTO-CROOPING A SCANNED IMAGE	CN	2000/6/21
128468	99107349.5	A FOCUS CONTROLLING METHOD AND SYSTEM BY EVALUATING A RESOLUTION INDEX	CN	1999/5/19
128741	98117701.8	CONTROL LOGIC FOR ATAPI INTERFACE	CN	1998/8/27

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130651	97111476.5	METHOD FOR AUTOMATIC IMAGE MERGE	CN	1997/6/2
130656	97123430.2	DISTINGUISHING METHOD FOR OBJECT SCANNED BY SCANNING DEVICE	CN	1997/12/30
131227	99109107.8	APPARATUS FOR CAPTURING IMAGE	CN	1999/6/14
132513	99118844.6	MODULE AND METHOD FOR INTRFACING ANALOG/DIGITAL CONVERTING MEANS AND JPEG COMPRESSION MEANS	CN	1999/9/15
00136699.8	00136699.8	METHOD FOR DETERMINING SCAN LINE MISALIGNMENTS	CN	2000/12/29
145310	99119137.4	METHOD FOR STEP MOTOR CONTROL	CN	1999/9/17
146224	97123193.1	ANTI-STATIC SIGNAL WIRING CONNECTOR	CN	1997/11/24
147723	00136845.1	LIGHT SOURCE MODULE INCLUDING A LIGHT GUIDE ARRANGED IN AN IMAGE SCANNING DEVICE FOR SCANNING A TRANSPARENT OBJECT	CN	2000/12/29
153400	00107814.3	METHOD AND APPARATUS FOR AUTOMATICALLY CROPPING IMAGES AS MULTIPLE RECTANGLES OR REGIONS OF DOCUMENTS	CN	2000/6/20
153870	99107357.6	PROCESS FOR DETECTING AND ADJUSTING THE SYNCHRONIZATION OF VIDEO SIGNAL FOR DISPLAYING	CN	1999/5/19
156712	98117301.2	METHOD FOR GENERATING DIVERSIFIED IMAGE FRAME	CN	1998/8/6
158007	98100479.2	DEVICE AND METHOD FOR IMPROVING SCANNING QUALITY OF IMAGE SCANNER	CN	2000/2/24
159349	98100590.X	METHOD OF ALIGNMENT FOR CCD AND THE APPARATUS OF THE SAME	CN	2000/2/24
163043	01120096.0	SCANNING DEVICE CAPABLE OF CONDUCTING BLACK CALIBRATION WITH FIXED MASK	CN	2001/8/13
364057	98204743.6	HIDDEN DOCUMENT-COVERING DEVICE FOR SCANNER	CN	1998/5/15
365029	98204931.5	FLATBED SCANNERS WITH SINGLE DYNAMIC SOURCE	CN	1998/6/8
367596	98201193.8	MULTI-LENSES OPTICAL	CN	1998/2/19

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		DEVICE		
378140	99210704.0	COVER ASSEMBLY FOR AN IMAGE PROCESSING SYSTEM	CN	1999/5/11
378555	98201358.2	MULTI-LENSE HIGH RESOLUTION OPTICAL DEVICE	CN	1998/2/18
379390	99211071.8	COVER ASSEMBLY FOR AN IMAGE PROCESSING SYSTEM	CN	1999/5/18
379681	99210703.2	LOCKING MECHANISM	CN	1999/5/11
380027	99210706.7	IMAGE-SCANNING MODULE FOR DOWNSIZING IMAGE-SCANNING DEVICES	CN	1999/5/11
380940	99210705.9	SCANNER MODULE WITH ADJUSTABLE MAGNIFICATION RATIO	CN	1999/5/11
395864	99243969.8	MECHANICAL PUSH BUTTON LOCK	CN	1999/8/31
399396	99244102.1	AUTOMATIC DOCUMENT FEEDER WITH IMPROVED FEEDING PATH	CN	1999/9/1
400614	99244103.X	A DOUBLE SIDE SCANNER MODULE	CN	1999/9/1
410963	99244597.3	WIDE IMAGES SCANNER	CN	1999/9/16
440579	00243427.X	SHOCK ABSORBING STRUCTURE	CN	2000/7/18
446317	00254881.X	DEVICE FOR TRANSPARENT DOCUMENT IN A FLATBED SYSTEM	CN	2000/9/29
448508	00253832.6	SCANNER FOR SCANNING TRANSPARENT AND REFLECTIVE DOCUMENTS	CN	2000/9/29
448650	00253973.X	IMAGE SCANNER HAVING DRIVING MECHANISM TO SYNCHRONIZE MOVEMENT OF TRANSMISSION-MODE LIGHT SOURCE AND IMAGE PICKUP DEVICE	CN	2000/9/27
448774	00253974.8	FOCUSED LIGHT SOURCE OF A SCANNER	CN	2000/9/27
455229	00263163.6	COVER HINGE STRUCTURE	CN	2000/12/1
457863	00267891.8	IMAGE SCANNER USING LOW-PIXEL-DENSITY CCD TO ACHIEVE HIGH-PIXEL-DENSITY SCANNING QUALITY BY PIXEL-LEVEL SHIFT OF CCD	CN	2000/12/29
458073	00268333.4	APPARATUS FOR SCANNING DOCUMENT	CN	2000/12/28

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471845	01208307.0	IMAGE CAPTURING APPRATUS EQUIPPED WITH SCANNING DOCUMENT FUNCTION	CN	2001/3/8
485740	01204343.5	APPARATUS FOR RECEIVING UNIVERSAL SERIAL BUS CABLE	CN	2001/3/7
500498	01259033.9	DIGITAL VIDEO/AUDIO BROADCAST DEVICE	CN	2001/9/4
501277	01259029.0	MICROSCOPE WITH DIGITAL CAMERA	CN	2001/9/4
588695	01260977.3	MULTIMEDIA DATA FILE PRODUCER COMBINING IMAGE AND SOUND INFORMATION TOGETHER IN DATA FILE	CN	2001/9/26
588717	01259006.1	SCANNING DEVIE WITH VOICE MESSAGE	CN	2001/8/31
01109644.6	01109644.6	POSITION-RETAINING METHOD AND SYSTEM FOR A SCANNING SYSTEM CAPABLE OF COPY AND FACSIMILE	CN	2001/3/14
01139861.2	01139861.2	METHOD OF ALIGNMENT FOR CCD AND THE APPARATUS OF THE SAME	CN	1998/3/2
01139862.0	01139862.0	METHOD OF ALIGNMENT FOR MULTI-CCD & THE APPARATUS OF THE SAME	CN	1998/3/3
01204753.8	01204753.8	PLATFORM ADJUSTMENT DEVICE FOR SCANNER	CN	2001/3/13
97123195.8	97123195.8	SHEET-FED TYPE SCANNER WITH DOCUMENT	CN	1997/11/24
97123432.9	97123432.9	BUILT-IN SCANNER	CN	1997/12/30
97123500.7	97123500.7	DISTINGUISHING METHOD FOR OBJECT SCANNED BY SCANNING DEVICE	CN	1997/12/30
97204212.1	97204212.1	APPARATUS FOR SHEET FEED-OUT CONTROL ON AN AUTOMATIC SHEET FEEDER	CN	1997/2/3
97204222.9	97204222.9	TRANSMISSION MECHANISM FOR AN IMAGE INFORMATION READING APPARATUS	CN	1997/2/13
97204223.7	97204223.7	FULL IMAGE OPTICAL SCANNER	CN	1997/2/13
97204224.5	97204224.5	FLAT-PLATE SCANNER WITH TWO LAMPS	CN	1997/2/13
97204226.1	97204226.1	LENS HOLDER FOR A SCANNER SYSTEM	CN	1997/2/13

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97204228.8	97204228.8	CONVERTER FOR CONVERTING A REFLECTION TYPE SCANNER TO A TRANSPRANCE TYPE SCANNER	CN	1997/2/13
97204287	97204286.5	A CIS INFORMATION READING APPARATUS	CN	1997/4/15
97204634.8	97204634.8	CASSETTE SCANNING SYSTEM	CN	1997/5/30
97204657.7	97204657.7	IMAGE IMFORMATION READING APPARATUS WITH AN INTERNAL DOCUMENT TRAY	CN	1997/4/14
97204658.5	97204658.5	BUILT-IN SCANNER FOR MULTIPLE MATERIALS DOCUMENTS	CN	1997/4/14
97209832.1	97209832.1	FLAT-PLATE SCANNER WITH ONE LAMP	CN	1997/1/13
97209834.8	97209834.8	KEYBOARD SCANNER	CN	1997/3/3
97209880.1	97209880.1	SCANNER TRANSPERENCE APPARATUS	CN	1997/4/1
97209897.6	97209897.6	COLORED OPTICAL SENSING MODULE	CN	1997/4/16
97217970.4	97217970.4	HANDY SCANNER WITHOUT THE SCANNER OF IMAGEMERGING	CN	1997/8/14
97217971.2	97217971.2	OPTICAL COMPENSATING FILTER DEVICE	CN	1997/8/14
97217972.0	97217972.0	OPTICAL FILTER DEVICE	CN	1997/8/14
97222305.3	97222305.3	SCANNER CAPABLE OF SCANNING PENETRATIVE DOCUMENT AND REFLECTIVE DOCUMENT WITH SINGLE LAMP	CN	1997/7/15
97222306.1	97222306.1	SCANNER WITH TRANSMISSION-MODE SCANNING FUNCTION	CN	1997/7/15
98100480.6	98100480.6	METHOD OF ALIGNMENT FOR MULTI-CCD & THE APPARATUS OF THE SAME	CN	2000/2/24
98101655.3	98101655.3	APPARATUS OF ALIGNMENT FOR SCANNER AND A METHOD OF THE SAME	CN	1998/4/24
98115005.5	98115005.5	COMPUTER SYSTEM USING A DATA BUS FOR READING AND WRITING DATA CONCURRENTLY	CN	1998/6/19
98122598.5	98122598.5	SCANNING MODULE WITH TWO OPPOSITELY MOVABLE LENSES FOR CHANGING SCAN	CN	1998/11/25

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		RESOLUTION		
98123486.0	98123486.0	CONTROL METHOD FOR POSITIONING MULTIPLE LENS OF SCANNR	CN	1998/10/29
98200890.2	98200890.2	OPTICAL DEVICE WITH OPTIONAL RESOLUTION	CN	1998/2/12
98201359.0	98201359.0	MULTI-LENSES OPTICAL DEVICE	CN	1998/2/18
98201392.2	98201392.2	AUTO COVER OPENING DEVICE FOR SCANNER	CN	1998/2/23
98202361.8	98202361.8	METHOD FOR AUTOMATIC SCANNING	CN	1998/3/20
98204182.9	98204182.9	PALM-SIZE TOUCHABLE VIDEO IMAGE SCANNING DEVICE	CN	1998/2/12
98205681.8	98205681.8	MIRROR CLAMP STRUCTURE	CN	1998/6/9
98205683.6	98205682.6	COMPENSATING DEVICE FOR IMPROVING THE SCANNING LUMINANCE IN A SCANNER	CN	1998/6/9
98208066.2	98208066.2	DIGITAL CAMERA WITH AN ADJUSTING DEVICE FOR ADJUSTING ITS LENS AND IRISES	CN	1998/9/15
98240206.6	98240206.6	A SCANNING SYSTEM WITH RETRACTABLE IMAGE CAPTURING DEVICE	CN	1998/8/27
98240207.4	98240207.4	CCD SELF-ALIGNMENT DEVICE FOR OPTICAL SCANNER	CN	1998/8/27
98240209.0	98240209.?	CCD ROTARY-ALIGNMENT DEVICE FOR OPTICAL SCANNER	CN	1998/8/27
98240211.2	98240211.2	LENS FISER DEVICE FOR SCANNER	CN	1998/8/28
98240220.1	98240220.1	AN ILLUMINANT DEVICE	CN	1998/9/16
98245720.0	98245720.0	AN OPTICAL SCANNER WITH A DISTANCE ADJUSTING DEVICE	CN	1998/11/23
98245721.9	98245721.9	OPTICAL SCANNING MODULE WITH ADJUSTABLE OPTICAL PATH	CN	1998/11/23
98245723.5	98245723.5	METHOD FOR CALIBRATING A LIGHT TRAVELING DISTANCE IN A SCANNING MODULE	CN	1998/11/24
99106257.4	99106257.4	METHOD OF ADJUSTING SCANNER MODULE AND DEVICE THEREOF	CN	1999/5/12
99106261.2	99106261.2	A FOCUS CONTROLLING METHOD AND SYSTEM FOR AN IMAGE CAPTURING SYSTEM	CN	1999/5/12

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99106976.5	99106976.5	METHOD FOR IMAGE PROCESSING	CN	1999/6/3
99109012.8	99109012.8	DATA-STORING DEVICE USED WITH DIGITAL CAMERA	CN	1999/6/11
99109108.6	99109108.6	SCANNER PHOTOELECTRIC MODULE WITH ADJUSTING LENS AND CHARGE-COUPLING DEVICE	CN	1999/6/14
99109135.3	99109135.3	IMAGE-SENSOR EMULATING DEVICE	CN	1999/6/15
99212422.0	99212422.0	CONTACT IMAGE SENSOR MODULE HAVING SPRING MOUNTINGS	CN	1999/6/8
99212423.9	99212423.9	CONTACT IMAGE SENSOR MODULE HAVING ELASTIC SLEEVES	CN	1999/6/8
99243982.5	99243982.5	MODULARIZED CARRIAGE HAVING SHOCK ABSORBER STRUTS FOR A CONTACT IMAGE SENSOR MODULE	CN	1999/9/1
99244101.3	99244101.3	A DOUBLE SIDE SCANNER MODULE	CN	1999/9/1
00107816.X	00107816.X	METHOD FOR AUTO-CROPPING A SCANNED IMAGE	CN	2000/6/20
97122255.X	97122255.X	BUILD-IN SCANNER BY USING SINGLE LIGHT SOURCE	CN	1997/11/12
97123194.X	97123194.X	MULTI-RESOLUTION SCANNERS	CN	1997/11/24
97209833.X	97209833.X	IMAGE SCANNING DEVICE	CN	1997/3/3
97209881.X	97209881.X	SCANNER DRIVING APPARATUS	CN	1997/4/1
98204352.X	98204352.X	CCFL POWER CONTROL DEVICE	CN	1998/5/7
99243968.X	99243968.X	HINGE	CN	1999/8/31
ZL00103466.9	00103466.9	DEVICE FOE QUICK AND PRECISE DETERMINATION OF SCAN START POINT FOR IMAGE SCANNER	CN	2000/3/13
ZL00103467.7	00103467.7	DEVICE USED IN IMAGE SCANNER FOR QUICKLY AND PRECISELY DETERMINING SCAN START POINT AND IMPROVING SCANNING QUALITY	CN	2000/3/13

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ZL00107815.1	00107815.1	METHOD AND STRUCTURE FOR COUPLING A STEP MOTOR SHAFT	CN	2000/6/20
ZL00124481.7	00124481.7	METHOD FOR INCREASING BIT NUMBER OF DIGJTAL IMAGE SIGNALS GENERATED BY A SCANNER	CN	2000/9/8
ZL00129774.0	00129774.0	RENEWING AN FIRMWARE OF COMPUTER SYSTEM	CN	2000/10/11
ZL00136846.X	00136846.X	LIGHT SOURCE MODULE ARRANGED IN AN IMAGE SCANNING DEVICE FOR SCANNING A TRANSPARENT OBJECT	CN	2000/12/29
ZL00137170.3	00137170.3	METHOD AND APPARATUS FOR AUTOMATICALLY CROPPING IMAGES AS MULTIPLE RECTANGLES OR REGIONS OF DOCUMENTS	CN	2000/12/29
ZL01100399.5	01100399.5	METHOD FOR DETERMINING SCAN LINE MISALIGNMENTS	CN	2001/1/4
ZL01109123.1	01109123.1	METHOD AND APPARATUS FOR FAST IMAGE FETCH AND PROCESSING	CN	2001/3/8
ZL01109647.0	01109647.0	SYSTEM AND METHOD FOR SCANNER EXECUTING SCANNING	CN	2001/3/14
ZL01208396.8	01208396.8	PLATFORM ADJUSTMENT DEVICE FOR SCANNER	CN	2001/3/13
ZL200310117084.9	200310117084.9	APPARATUS FOR RELEASING FLASH DEVICE AUTOMATICALLY	CN	2003/12/3
ZL200420005329.0	200420005329.9	IMPROVED DUAL BRAKE ROTATING SPINDLE	CN	2004/3/5
ZL200420005371.0	200420005371.0	APPARATUS FOR RETRIEVING DATA FROM DETACHABLE OPTICAL DRIVER	CN	2004/3/23
ZL200420005372.5	200420005372.5	APPARATUS FOR RETRIEVING MEDIA INFORMATION FROM STACKABLE MODULE	CN	2004/3/23
ZL200430007622.4	200430007622.4	DIGITAL STILL CAMERA	CN	2004/4/5
ZL200430007623.9	200430007623.9	DIGITAL STILL CAMERA	CN	2004/4/5
ZL97110080.2	97110080.2	APPARATUS AND METHOD FOR REPAIRING SCANNED IMAGES	CN	1997/4/14

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ZL98102115.8	98102115.8	ILLUMINANCE CONTROL FOR KIGHT SOURCE OF SCANNER	CN	1998/5/7
ZL98102116.6	98102116.6	QUICK WARM-UP FOR LIGHT SOURCE OF SCANNER	CN	1998/5/7
ZL98117683.6	98117683.6	AN IMAGE SCANNING METHOD APPLIED TO AN IMAGE SCANNING DEVICE	CN	1998/9/7
ZL99109136.1	99109136.1	FAST TRANSMISSION OF AN IMAGE DATA	CN	1999/6/15
ZL99118843.8	99118843.8	APPARATUS AND METHOD FOR PROVIDING COMPENSATION BITS FOR POST IMAGE PROCESSING	CN	1999/9/15
	98103424.1	APPARATUS AND METHOD FOR INCREASING THE SCAN ACCURACY AND QUALITY OF THE FLATBED SCANNER BY USING CLOSE LOOP CONTROL	CN	1998/8/6
	97121738.6	APPARATUS FOR SCANNING	CN	1997/12/19
	99109134.5	IMAGE-SENSOR EMULATING DEVICE	CN	1999/6/15
	98117493.0	COMPUTER SYSTEM USING A DATA BUS FOR READING AND WRITING DATA CONCURRENTLY	CN	1998/9/8
	99107355.X	APPARATUS AND METHOD FOR LOCATING AN OPTICAL MODULE OF AN IMAGE-SCANNING SYSTEM	CN	1999/5/19
	00129659.0	METHOD FOR A REAL TIME AUDIO ASSISTED	CN	2000/10/9
	00137172.X	SYSTEM AND METHOD FOR UPDATING A GRAPHIC REPRESENTATION OF A WINDOW ITEM USING AN IMAGE INFORMATION READING APPARATUS	CN	2000/12/29
	01111238.7	IMAGE READING DEVICE ACTIVATED BY LIGHT INTERFERENCE	CN	2001/3/8
	01111285.9	IMAGE READING DEVICE BY INTERFERING LIGHT PATH TO TRIGGER SCANNING PROCESS	CN	2001/3/16
	01131414.1	COMMAND CONVERSION INTERFACE BETWEEN IMAGE PROVIDER AND IMAGE REQUESTOR	CN	2001/9/7

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	01109645.4	FACSIMILE SYSTEM CAPABLE OF CONDUCTING SCAN AND FACSIMILE DIRECTLY	CN	2001/3/14
	01142202.5	NETWORK SERVER FOR PROVIDING SCANNING FUNCTIONALITY TO A COMPUTER	CN	2001/9/12
	01141710.2	DRIVING AND INFORMATION RETRIEVING MODULE CAPABLE OF RETRIEVING INFORMATION OVER COMMUNICATIO NETOWKR AND NETWORK AND METHOD OF THE SAME	CN	2001/9/13
	01141711.0	A MULTI-MODE IMAGE PROCESSING METHOD AND A SYSTEM THEREOF	CN	2001/9/13
	03147114.5	SCANNING DEVICE BY CURVILINEAL MOTION	CN	2003/7/1
	03141125.8	SCANNING DEVICE	CN	2003/6/9
	03156530	DIGITAL PICTURE FRAME WITH PICTURE ACQUISITION	CN	2003/9/3
	03147113.7	EPICYCLIC SCANNING DEVICE	CN	2003/7/1
	03127439.0	METHOD OF IMAGE DITHERING PROCESS FOR DETECTING PHOTO AND CHARACTER AUTOMATICALLY	CN	2003/8/7
	03140959.8	APPARATUS FOR DRIVING OPTICAL HEAD	CN	2003/6/2
	200310117086.8	FLASH DEVICE	CN	2003/12/3
	200310117085.3	APPARATUS FOR RELEASING FLASH DEVICE AUTOMATICALLY	CN	2003/12/3
	200410031081.8	METHOD OF REORGANIZING AND RECOVERING PRODUCT DATA	CN	2004/4/20
	200410049960.3	FIRMWARE STORAGE MEDIA AND THE METHOD THEREOF	CN	2004/6/22
	200410068818.3	FOCUS STRUCTURE	CN	2004/7/5
	200410007939.7	OPENING STRUCTURE OF IMAGE DEVICE	CN	2004/3/5
	200420077273.8	VIDEO DEVICE STAND WITH STORAGE FUNCTION	CN	2004/8/17
	200510102731.8	METHOD OF ELIMINATING DIGITAL IMAGE NET-LIKE	CN	2005/9/9

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		PATTERN		
	200410048277.8	METHOD OF SETTING VALUE OF IMAGE OUTPUT SYSTEM USING MULTI-COLOR BUTTONS	CN	2004/6/14
	200510066203.1	APPARATUS AND METHOD OF RECORDING PLAY SPEED	CN	2005/4/21
	200410090381.3	APPARATUS AND METHOD OF AUTO DISPLYAING DATA IN CD	CN	2004/11/12
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Application Number	**09/705,486**
Filing Date	**November 3, 2000**
First Named Inventor	**Joseph Gendler**
Art Unit	**3623**
Examiner Name	**S. Jarrett**
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First Named Inventor	**Joseph Gendler**
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*Examiner Initial	Cite No.	FOREIGN PATENT DOCUMENT Country Code Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION YES/NO
~~—~~	~~455.~~	~~DE 19731293~~	~~1/14/1999~~	~~Mannesmann~~	~~—~~	NO
	456.	EP 0884877	12/16/1998	Shioya et al.		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	**09/705,486**
Filing Date	**November 3, 2000**
First Named Inventor	**Joseph Gendler**
Art Unit	**3623**
Examiner Name	**S. Jarrett**
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OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

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OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

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Scott Jarrett	5/10/06

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Examiner Name	**S. Jarrett**
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Attorney Docket Number	**72167.000166**

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Art Unit	**3623**
Examiner Name	**S. Jarrett**
Sheet 24 of 27	**Attorney Docket Number** **72167.000166**

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	510.	JOHNSTON, Pondering Passport: Do You Trust Microsoft With Your Data?, www.pcworld.com/resource/printable/article/0.aid,63244,00.asp, 09/24/2001, 9/24/2001Primavera Systems, Inc. - How the World Manages Projects, Expedition Contract Control Software, www.primavera.com, 06/23/2005, 06/23/2005Primavera and PurchasePro.com to Create E-Commerce Marketplace for Construction Industry, Primavera Ships P3, version 3.0, www.purchasepro.com/, 09/21/1999, pp. 1-3, 09/21/1999Product Data Integration Technologies, Inc., Step Integratin Authors, printed on 04/26/1999, 04/26/1999Resource Center: Consolidated Edison Selects GE TPN Post, printed 04/26/1999, 04/26/1999	REPEAT
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